

2

DTIC FILE COPY

AD-A229 309



SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

PEASE AFB, NH

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723



DTIC
ELECTE
NOV 14 1990

SEPTEMBER 1989

S
E
D

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED

USAF
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

Scott Air Force Base, Illinois, 62225-5438

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-89/219, SURFACE OBSERVATION CLIMATIC SUMMARIES FOR
PEASE AFB NH, SEPTEMBER 1989, HAS BEEN REVIEWED AND IS APPROVED
FOR PUBLIC RELEASE. THERE IS NO OBJECTION TO UNLIMITED DISTRIBUTION
OF THIS DOCUMENT TO THE PUBLIC AT LARGE, OR BY THE DEFENSE TECHNICAL
INFORMATION CENTER (DTIC) TO THE NATIONAL TECHNICAL INFORMATION SERVICE
(NTIS).

SIGNED

JOSEPH L. BOYTE
CHIEF, CLIMATIC APPLICATIONS, OL-A

FOR THE COMMANDER



WALTER S. BURGMANN
SCIENTIFIC AND TECHNICAL INFORMATION
PROGRAM MANAGER

28 SEP 1990

REPORT DOCUMENTATION PAGE

- 1A. REPORT SECURITY CLASSIFICATION: UNCLASSIFIED
3. DISTRIBUTION/AVAILABILITY OF REPORT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
4. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-89/219
- 6A. NAME OF PERFORMING ORGANIZATION: OPERATING LOCATION A, USAFETAC
- 6B. OFFICE SYMBOL: CA
- 6C. ADDRESS: FEDERAL BUILDING, ASHEVILLE, NC 28801-2723
11. TITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR PEASE AFB NEW HAMPSHIRE
- 13A. TYPE OF REPORT: DATA SUMMARY
- 13B. TIME COVERED: APRIL 1956 TO JUNE 1989
14. DATE OF REPORT: SEPTEMBER 1989
15. PAGE COUNT: 375
16. SUPPLEMENTARY NOTATION: EFFECTIVE 1 JULY 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE REPLACED BY A SOCS.
17. COSATI CODES: FIELD--04, GROUP--02
18. SUBJECT TERMS: *CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW, TEMPERATURE, VISIBILITY, WIND, SOCS, *PEASE AFB NEW HAMPSHIRE.
19. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN, AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A CLIMATIC DATABASE.
20. DISTRIBUTION/AVAILABILITY OF ABSTRACT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
21. ABSTRACT SECURITY CLASSIFICATION: UNCLASSIFIED
- 22A. NAME OF RESPONSIBLE INDIVIDUAL: WILLIAM R. BOBR
- 22B. TELEPHONE: 704 259-0402 AUTOVON 697-8358
- 22C. OFFICE SYMBOL: OL-A/CA, USAFETAC
- DD FORM 1473

PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARY (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARY" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

CONTENTS

INTRODUCTION.....	1
STATION PERIOD OF RECORD.....	1
DATA SOURCES.....	1
TERMS EXPLAINED.....	1
TIME CONVENTIONS.....	2
ABBREVIATIONS.....	2
SUMMARY DESCRIPTIONS.....	2
STATION HISTORY.....	3
PART A - ATMOSPHERIC PHENOMENA SUMMARIES.....	A-1-1
SPECIFIED PHENOMENA	
PERCENT OCCURRENCE FREQUENCY (FROM HOURLY OBS).....	A-2-1
PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	A-3-1
PERCENT OCCURRENCE FREQUENCY (THUNDERSTORMS).....	A-4-1
VERSUS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.....	A-5-1
PART B - PRECIPITATION, SNOWFALL, AND SNOW DEPTH.....	B-1-1
PRECIPITATION	
PERCENT OCCURRENCE FREQUENCY.....	B-2-1
MONTHLY TOTALS.....	B-2-2
DAILY EXTREMES.....	B-2-3
SNOWFALL	
PERCENT OCCURRENCE FREQUENCY.....	B-3-1
MONTHLY TOTALS.....	B-3-2
DAILY EXTREMES.....	B-3-3
SNOW DEPTH	
PERCENT OCCURRENCE FREQUENCY.....	B-4-1
DAILY EXTREMES.....	B-4-2
SNOWFALL/SNOW DEPTH	
FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR.....	B-5-1
PART C - SURFACE WIND	
PEAK WINDS (FROM SOD DATA).....	C-2-1
PEAK WINDS--PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	C-3-1
WIND DIRECTION VS WIND SPEED--POF (FROM HOURLY OBS).....	C-4-1
PART D - EILING, VISIBILITY AND SKY COVER	
CEILING VS VISIBILITY--POF (FROM HOURLY OBS).....	D-2-1
SKY COVER--POF (FROM HOURLY OBS).....	D-3-1

Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input checked="" type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	



PART E - TEMPERATURE AND RELATIVE HUMIDITY.....	E-1-1
TEMPERATURES--CUMULATIVE POB (FROM SOD DATA)	
MAXIMA.....	E-2-1
MINIMA.....	E-2-2
MEAN.....	E-2-3
MONTHLY TEMPERATURES (FROM SOD DATA)	
MAXIMA.....	E-3-1
MINIMA.....	E-3-2
MEAN.....	E-4-1
DRY BULB, WET BULB, DEW POINT TEMPERATURES (FROM HOURLY OBS)	
DRY BULB.....	E-5-1
WET BULB.....	E-5-2
DEW POINT.....	E-5-3
RELATIVE HUMIDITY (FROM HOURLY OBS)	
CUMULATIVE PERCENT OCCURRENCE FREQUENCY.....	E-6-1
PART F - PRESSURE (FROM HOURLY OBS).....	F-1-1
SEA LEVEL PRESSURE.....	F-2-1
ALTIMETER SETTING.....	F-3-1
STATION PRESSURE.....	F-4-1
PART G - CROSSWIND SUMMARIES (FROM HOURLY OBS).....	G-1-1
PERCENT OCCURRENCE FREQUENCY.....	G-2-1
PART H - DEGREE DAY SUMMARIES (FROM HOURLY OBS).....	H-1-1
HEATING DEGREE DAYS.....	H-2-1
COOLING DEGREE DAYS.....	H-3-1

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JUL 79 - JUN 89 (AIRWAYS).

SUMMARY OF DAY DATA: APR 56 - JUN 89 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
726055	PEASE AFB/PORTSMOUTH, NH	N 43 05	W 070 49	101	KPSM	

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmb of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Portsmouth AFB, NH	AFB	Apr 56	Feb 57	N 43 05	W 070 46	94	N/A	24
2	Pease AFB/Portsmouth, NH	Same	Mar 57	Feb 60	Same	W 070 49	101	88	24
3	Same	Same	Feb 50	Dec 78	Same	Same	Same	127	24
4	Same	Same	Jan 79	JAN 88	Same	Same	Same	Same	24

Nmb of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 56	50' S of weather station	AN/GMQ-11	ML-204B	15 ft	
2	Mar 57	750'W ctrln rwy 16/34	Same	RO-2	13 ft	
3	Mar 58	1.500'fm N end rwy 16	Same	Same	Same	
		2.Atop control tower	AN/GMQ-1	ML-204B	105 ft	
4	Mar 59	3350'WNW of wea station	AN/GMQ-11	RO-2	13 ft	
5	Mar 60	1000'fm TD pt rwy 16	Same	Same	15 ft	
6	Mar 62	500'W rwy 16/34 ctrln	Same	Same	13 ft	
7	Mar 63	1.1500'S of N end rwy 16	Same	Same	Same	
		2.750'N of S end rwy 34	Same	SAME	SAME	
8	Oct 70	Same	AN/GMQ-20	RO-362	Same	
9	Jan 88	1.Same	Same	Same	13 ft	
		2.Same	Same		22 ft	

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPP	AA AA	RRRRRRR	TT	AA AA
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF LOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND ASREPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		4.0	.9	7.4		12.3	7.4	1.4	.3		21.4	930
03-05		3.4	1.0	8.4		12.8	8.7	1.9	.3		23.8	930
06-08		2.5	1.6	10.5		14.6	10.1	2.6	.5		27.8	930
09-11		3.0	.9	11.7		15.6	9.1	3.2	.4		28.4	930
12-14		4.6	1.5	10.5		16.7	8.0	3.2	.5		28.4	930
15-17		4.5	1.2	11.1		16.8	8.1	1.8	.4		27.1	930
18-20		3.2	1.4	9.2		13.9	6.6	1.7	.5		22.7	930
21-23		4.6	1.3	9.0		14.9	6.9	1.5	.6		24.0	930
ALL HOURS		3.7	1.2	9.7		14.7	8.1	2.2	.5		25.4	7440

MONTH: FEB

00-02		7.2	2.0	7.7		16.8	13.8	1.2	.6		32.4	849
03-05		8.6	1.4	8.4		18.4	14.7	1.9	.9		35.9	849
06-08		7.5	1.8	9.0		18.3	15.5	2.4	.8		37.0	849
09-11		7.7	.7	10.0		18.4	12.1	1.9	1.3		33.7	849
12-14		7.1	.6	7.9		15.5	10.2	1.3	.7		27.8	849
15-17		9.1	.5	8.4		17.9	10.4	1.6	.7		30.6	849
18-20	.1	8.4	1.1	7.3		16.7	13.2	.9	1.2		32.0	849
21-23		6.9	1.4	7.4		15.8	12.6	1.3	.7		30.4	849
ALL HOURS	.0	7.8	1.2	8.2		17.2	12.8	1.6	.9		32.5	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		10.8	1.6	7.3		19.7	14.6	1.7	.1		36.1	930
03-05	.1	11.6	1.5	5.9		19.0	15.9	2.0			37.0	930
06-08		11.7	1.1	7.1		19.9	17.7	2.9			40.5	930
09-11		9.9	.1	7.2		17.2	13.9	2.6			33.7	930
12-14		10.6	.2	6.2		17.1	11.0	2.5			30.5	930
15-17		11.5	.3	4.9		16.8	12.7	2.6			32.0	930
18-20	.1	12.9	1.0	5.1		18.9	14.4	1.7	.1		35.2	930
21-23	.1	12.6	1.1	5.8		19.5	13.0	1.6			34.1	930
ALL HOURS	.0	11.5	.9	6.2		18.5	14.2	2.2	.0		34.9	7440

MONTH: APR

00-02	.1	18.0	.3	1.2		19.6	19.0	2.2	.6		41.3	900
03-05		19.1	.1	2.1		21.3	22.4	2.4	.7		46.9	900
06-08		16.7		2.7		19.3	23.2	3.2	.6		46.3	900
09-11	.2	15.1		1.8		16.9	15.2	3.2	.4		35.8	900
12-14	.1	14.6		1.6		16.1	11.2	2.9	.3		30.6	900
15-17	.3	15.9		.7		16.6	9.9	2.8	.6		29.8	900
18-20	.2	16.6		1.1		17.7	16.2	2.8	.7		37.3	900
21-23	.1	16.6		1.4		18.0	18.8	2.3	.3		39.4	900
ALL HOURS	.1	16.6	.1	1.6		18.2	17.0	2.7	.5		38.4	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		14.6				14.6	20.2	1.8			36.7	930
03-05		12.8				12.8	25.5	3.4			41.7	930
06-08		15.4				15.4	23.4	4.8			43.7	930
09-11	.1	14.9				14.9	16.0	2.3			33.2	930
12-14	.3	13.5				13.5	12.8	1.3			27.6	930
15-17	.5	13.4				13.4	12.6	2.5			28.5	930
18-20	1.0	15.1				15.1	15.1	1.8			31.9	930
21-23	1.0	15.9				15.9	18.3	2.4			36.6	930
ALL HOURS	.4	14.5				14.5	18.0	2.5			35.0	7440

MONTH: JUN

00-02	1.8	14.1				14.1	21.2	4.3			39.7	900
03-05	1.0	12.8				12.8	27.4	7.3			47.6	900
06-08	.1	13.6				13.6	24.1	7.6			45.2	900
09-11	.6	12.8				12.8	15.9	6.0			34.7	900
12-14	.9	11.3				11.3	10.0	3.9			25.2	900
15-17	1.4	11.4				11.4	9.9	3.9			25.2	900
18-20	1.9	11.7				11.7	14.4	4.9			31.0	898
21-23	1.9	10.6				10.6	19.3	5.5			35.3	897
ALL HOURS	1.2	12.3				12.3	17.8	5.4			35.5	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.0	8.1				8.1	24.3	7.2			39.6	930
03-05	.8	8.0				8.0	31.3	9.0			48.3	930
06-08	.1	7.5				7.5	28.6	12.4			48.5	930
09-11	.1	7.8				7.8	14.5	12.8			35.2	930
12-14	.9	7.4				7.4	7.6	12.0			27.1	930
15-17	3.4	8.9				8.9	9.9	12.7			31.5	930
18-20	4.1	11.3				11.3	18.1	13.1			42.5	930
21-23	1.6	9.8				9.8	20.6	9.5			39.9	930
ALL HOURS	1.5	8.6				8.6	19.4	11.1			39.1	7440

MONTH: AUG

00-02	.3	9.1				9.1	23.0	7.2			39.4	930
03-05	.3	8.8				8.8	27.2	6.7			42.7	930
06-08	.1	9.0				9.0	27.5	8.6			45.2	930
09-11	.1	8.5				8.5	15.2	8.2			31.8	930
12-14	.8	7.5				7.5	9.4	10.0			26.9	930
15-17	2.8	8.2				8.2	8.5	11.0			27.6	930
18-20	1.7	6.5				6.5	12.4	11.0			29.8	930
21-23	1.3	8.5				8.5	16.6	8.6			33.7	930
ALL HOURS	.9	8.3				8.3	17.5	8.9			34.6	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSM	TOTAL NO. OF OBS
00-02	.6	9.7				9.7	19.9	2.2			31.8	900
03-05	.3	10.4				10.4	22.7	4.1			37.2	900
06-08		10.2				10.2	23.6	6.3			40.1	900
09-11	.1	7.4				7.4	12.2	4.6			24.2	900
12-14		7.1				7.1	8.3	3.2			18.7	900
15-17		8.7				8.7	9.3	4.9			22.9	900
18-20	.7	8.7				8.7	13.7	5.1			27.4	900
21-23	1.0	10.2				10.2	17.8	3.7			31.7	900
ALL HOURS	.3	9.1				9.1	15.9	4.3			29.3	7200

MONTH: OCT

00-02	.1	10.5				10.5	20.0	1.1			31.6	930
03-05		10.1				10.1	23.2	1.9			35.3	930
06-08		11.2				11.2	26.6	2.9			40.6	930
09-11		9.4		.2		9.6	14.6	3.2			27.4	930
12-14	.3	9.9		.5		10.4	9.6	1.7			21.7	930
15-17	.3	10.8		.4		11.2	8.5	1.2			20.9	930
18-20	.6	12.9		.6		13.5	13.1	1.0			27.6	930
21-23	.1	11.3		.3		11.6	17.6	1.3			30.5	930
ALL HOURS	.2	10.8		.3		11.0	16.7	1.8			29.5	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		12.7	.7	2.4		15.8	15.4	1.1			32.3	900
03-05		12.1	.6	2.3		15.0	17.1	1.6			33.7	900
06-08		13.4	.1	1.9		15.4	20.8	2.2			38.4	900
09-11		15.3	.7	1.7		17.7	17.7	3.0			38.3	900
12-14		14.1	.1	1.3		15.6	13.1	1.6			30.2	900
15-17		13.6		2.9		16.4	12.3	2.1			30.9	900
18-20		11.9	.2	3.3		15.4	13.8	2.1			31.3	900
21-23	.1	11.9	.7	2.2		14.8	14.8	1.3			30.9	900
ALL HOURS	.0	13.1	.4	2.3		15.8	15.6	1.9			33.3	7200

MONTH: DEC

00-02		7.4	.4	9.7		17.5	14.1	.3			31.9	930
03-05		6.9	.8	9.2		16.9	14.5	.2			31.6	930
06-08		6.1	1.0	8.5		15.6	15.4	1.2			32.2	930
09-11		5.5	.9	9.0		15.4	11.3	2.7	.2		29.6	930
12-14		4.8	.5	8.6		14.0	8.8	1.8	.3		24.9	930
15-17		6.6	1.0	8.0		15.5	11.9	1.3			28.7	930
18-20	.1	6.7	1.0	8.5		16.1	13.9	1.3	.1		31.4	930
21-23	.2	6.5	1.2	8.7		16.3	13.3	.8	.1		30.5	930
ALL HOURS	.0	6.3	.8	8.8		15.9	12.9	1.2	.1		30.1	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSM	TOTAL NO. OF OBS
JAN		3.7	1.2	9.7		14.7	8.1	2.2	.5		25.4	7440
FEB	.0	7.8	1.2	8.2		17.2	12.8	1.6	.9		32.5	6792
MAR	.0	11.5	.9	6.2		18.5	14.2	2.2	.0		34.9	7440
APR	.1	16.6	.1	1.6		18.2	17.0	2.7	.5		38.4	7200
MAY	.4	14.5				14.5	18.0	2.5			35.0	7440
JUN	1.2	12.3				12.3	17.8	5.4			35.5	7195
JUL	1.5	8.6				8.6	19.4	11.1			39.1	7440
AUG	.9	8.3				8.3	17.5	8.9			34.6	7440
SEP	.3	9.1				9.1	15.9	4.3			29.3	7200
OCT	.2	10.8		.3		11.0	16.7	1.8			29.5	7440
NOV	.0	13.1	.4	2.3		15.8	15.6	1.9			33.3	7200
DEC	.0	6.3	.8	8.8		15.9	12.9	1.2	.1		30.1	7440
ANNUAL	.4	10.2	.4	3.1		13.6	15.5	3.8	.2		33.1	87667

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.5	23.4	7.8	40.5	.1	49.9	34.2	16.6	4.5		56.4	1022
FEB	.1	23.4	5.8	38.2		49.5	34.4	15.9	5.0		54.7	932
MAR	1.0	35.0	4.2	30.7	.2	50.9	40.3	16.2	2.4		57.2	1023
APR	3.5	51.4	.5	13.1	.2	53.9	42.8	16.0	.4		60.5	1012
MAY	6.8	52.0		.9	.2	52.0	46.3	21.5			62.8	1054
JUN	13.2	50.9			.4	50.9	51.3	36.3			68.6	1020
JUL	18.3	46.1			.7	46.1	51.9	45.2			69.5	1023
AUG	11.8	44.5			.4	44.5	52.0	44.2			67.9	1023
SEP	5.9	41.2			.1	41.2	50.6	30.4			61.2	990
OCT	2.1	39.6		1.1		39.8	46.3	22.4			57.8	1023
NOV	1.0	46.2	2.1	15.1		52.0	45.5	17.	.8		60.8	990
DEC	.4	31.2	8.5	39.9		54.5	40.2	13.4	3.0		61.4	1023
ANNUAL	5.4	40.5	2.4	14.8	.2	48.8	44.7	24.7	1.3		61.6	12135

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02				.1		1.8	1.0	.3	.6	.1		
03-05			.1			1.0	.8	.3	.3			
06-08						.1	.1	.1				
09-11				.2	.1	.6	.1	.1	.1			
12-14				.1	.3	.9	.9	.8		.3		
15-17				.3	.5	1.4	3.4	2.8		.3		
18-20		.1	.1	.2	1.0	1.9	4.1	1.7	.7	.6		.1
21-23			.1	.1	1.0	1.9	1.6	1.3	1.0	.1	.1	.2
ALL HOURS		.0	.0	.1	.4	1.2	1.5	.9	.3	.2	.0	.0
TOTAL OBS	7440	6792	7440	7200	7440	7195	7440	7440	7200	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS							
LIQUID PRECIP	13.3		17.7	39.1	17.0	12.9	294
FREEZING PRECIP	15.4		47.3	3.3	3.3	30.8	91
FROZEN PRECIP	9.9		41.9	6.4	5.4	36.3	754
FOG	21.7		20.7	19.2	16.2	22.2	604
FOG WITH VIS GE 1/2 MILES	20.7		21.2	19.1	16.3	22.8	566
TOTAL OBS	1077	0	815	308	1822	3418	0 7440

MONTH: FEB HOURS: ALL

TSTMS			100.0				1
LIQUID PRECIP	12.8		37.8	25.3	8.8	15.3	537
FREEZING PRECIP	16.0		59.3	6.2		18.5	81
FROZEN PRECIP	10.9		44.8	7.7	6.0	30.5	596
FOG	20.6		36.1	18.2	8.5	16.5	866
FOG WITH VIS GE 1/2 MILES	16.7		37.2	18.9	9.3	17.9	777
TOTAL OBS	891	0	1119	542	1322	2918	0 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS			33.3		33.3	33.3	3
LIQUID PRECIP	5.8		52.0	18.8	7.1	16.3	892
FREEZING PRECIP	24.6		56.9	1.5		16.9	65
FROZEN PRECIP	11.2		50.0	11.0	4.2	23.6	474
FOG	15.1		44.6	17.2	8.4	14.7	1047
FOG WITH VIS GE 1/2 MILES	12.8		47.0	16.2	8.7	15.2	942
TOTAL OBS	991	0	1426	992	1181	2849	0 7439

MONTH: APR HOURS: ALL

TSTMS			30.0	40.0	10.0	20.0	10
LIQUID PRECIP	5.4		48.3	23.4	8.8	14.1	1233
FREEZING PRECIP				100.0			4
FROZEN PRECIP	1.7		42.0	9.2		47.1	119
FOG	13.0		47.0	21.8	9.4	8.8	1215
FOG WITH VIS GE 1/2 MILES	11.0		49.8	21.2	9.8	8.2	1114
TOTAL OBS	871	0	1532	1542	1162	2093	0 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	3.7		11.1	37.0	18.5	29.6	27
LIQUID PRECIP	9.7		53.8	19.9	6.9	9.7	1072
FREEZING PRECIP							
FROZEN PRECIP							
FOG	17.1		43.2	22.9	8.6	8.2	1330
FOG WITH VIS GE 1/2 MILES	15.7		45.0	22.8	8.3	8.2	1196
TOTAL OBS	1102	0	1425	1963	1346	1604	7440

MONTH: JUN HOURS: ALL

TSTMS	11.6		16.3	29.1	23.3	19.8	86
LIQUID PRECIP	8.4		50.0	22.0	7.8	11.8	858
FREEZING PRECIP							
FROZEN PRECIP							
FOG	20.6		35.2	20.8	15.9	7.5	1274
FOG WITH VIS GE 1/2 MILES	19.1		35.8	21.3	16.4	7.3	1175
TOTAL OBS	1012	0	991	1452	1655	2085	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	11.6		14.3	19.6	31.3	23.2	112
LIQUID PRECIP	11.6		33.0	26.8	15.7	13.0	579
FREEZING PRECIP							
FROZEN PRECIP							
FOG	27.5		19.3	24.7	18.6	9.9	1427
FOG WITH VIS GE 1/2 MILES	24.7		19.5	25.3	20.5	10.1	1269
TOTAL OBS	1268	0	607	1516	2047	2000	7440

MONTH: AUG HOURS: ALL

TSTMS	8.7		24.6	30.4	27.5	8.7	69
LIQUID PRECIP	10.8		42.4	26.5	10.8	9.6	585
FREEZING PRECIP							
FROZEN PRECIP							
FOG	20.1		25.6	20.2	23.0	11.1	1278
FOG WITH VIS GE 1/2 MILES	18.7		26.0	20.3	24.1	11.0	1190
TOTAL OBS	1300	0	839	1491	1896	1914	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	12.5		50.0	12.5	12.5	12.5	24
LIQUID PRECIP	10.2		48.1	18.7	12.5	10.5	657
FREEZING PRECIP							
FROZEN PRECIP							
FOG	23.9		30.1	17.7	18.5	9.7	1139
FOG WITH VIS GE 1/2 MILES	20.7		32.5	17.9	19.6	9.3	1045
TOTAL OBS	1317	0	945	1075	1909	1954	7200

MONTH: OCT HOURS: ALL

TSTMS			28.6	50.0	7.1	14.3	14
LIQUID PRECIP	13.0		39.0	21.7	9.9	16.4	829
FREEZING PRECIP							
FROZEN PRECIP			60.0	5.0		35.0	20
FOG	25.2		24.7	20.8	14.3	14.9	1241
FOG WITH VIS GE 1/2 MILES	22.3		27.8	19.2	14.9	15.7	1065
TOTAL OBS	1241	0	1098	935	1688	2478	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS			100.0				1
LIQUID PRECIP	7.2		37.4	25.3	12.4	17.8	979
FREEZING PRECIP			81.5	3.7		14.8	27
FROZEN PRECIP	11.7		59.1	1.8	2.9	24.6	171
FOG	18.3		29.2	23.3	15.0	14.2	1120
FOG WITH VIS GE 1/2 MILES	15.8		30.3	23.8	15.3	14.8	1029
TOTAL OBS	878	0	1044	723	1716	2839	0 7200

MONTH: DEC HOURS: ALL

TSTMS			100.0				3
LIQUID PRECIP	12.9		33.3	26.9	11.5	15.4	495
FREEZING PRECIP	30.6		29.0			38.7	62
FROZEN PRECIP	10.7		39.7	5.5	11.7	32.4	675
FOG	30.3		20.6	13.6	16.5	19.0	954
FOG WITH VIS GE 1/2 MILES	29.1		21.7	13.8	16.9	18.5	881
TOTAL OBS	1076	0	871	332	1997	3164	0 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	9.4		20.6	27.1	24.3	18.6	350
LIQUID PRECIP	9.3		43.6	23.4	10.0	13.7	9010
FREEZING PRECIP	18.8		50.9	4.5	.9	24.8	330
FROZEN PRECIP	10.2		44.5	7.0	6.4	31.8	2809
FOG	21.1		31.7	20.4	14.6	12.3	13495
FOG WITH VIS GE 1/2 MILES	18.9		33.2	20.3	15.2	12.4	12249
TOTAL OBS	13024	0	12712	12873	19741	29316	0 87666

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTTTT	BBBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	BBBBBBBBBBB
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBBB
PP	AAAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	49.2	49.8	48.5	45.1	46.9	48.0	53.3	54.8	57.7	58.9	47.5	44.8	50.4
TRACE	15.6	15.9	15.1	16.2	16.0	16.8	14.4	13.7	13.6	12.5	14.4	16.6	15.1
.01	3.2	3.3	3.3	3.6	2.3	2.5	3.5	3.4	2.0	2.6	3.3	3.3	3.0
.02-.05	7.7	7.4	6.5	6.6	8.0	6.8	5.0	6.5	6.9	5.0	6.3	6.9	6.6
.06-.10	3.8	4.4	6.3	6.3	4.9	5.7	4.2	4.6	3.2	2.9	3.8	6.0	4.7
.11-.25	6.6	5.9	6.8	8.1	6.9	6.0	7.1	7.0	4.5	5.6	7.0	7.1	6.6
.26-.50	6.0	5.5	5.5	7.1	8.1	7.4	5.6	4.9	4.8	4.8	7.0	5.7	6.0
.51-1.00	4.6	4.4	5.3	3.4	4.2	5.0	4.2	2.9	4.2	4.6	6.2	5.8	4.6
1.01-2.50	2.9	3.2	2.6	3.4	2.7	1.9	2.6	2.0	2.3	2.6	3.8	3.6	2.8
2.51-5.00	.3	.2	.1	.3	.1	.1	.1	.2	.6	.3	.7	.2	.3
5.01-10.00										.1			.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	35.2	34.3	36.5	38.7	37.1	35.2	32.4	31.5	28.7	28.5	38.1	38.6	34.6
TOTAL NO. OF OBSERVATIONS	1023	932	1023	1012	1054	1020	1023	1023	990	1023	990	1023	12136

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
56				5.68*	5.02	3.80	2.70	1.49	3.82	4.09	3.43	4.36	34.39*
57	2.63	1.13	1.88	2.17	3.01	.89	1.44	1.39	1.11	2.77	6.12	3.15	27.69
58	12.26	4.02	3.83	4.65	2.83	1.68	4.43	3.06	5.18	3.36	3.94	1.49	50.73
59	3.02	3.74	4.93	2.96	1.25	6.24	5.05	3.47	1.84	6.41	4.26	6.27	49.44
60	3.49	5.31	3.07	3.50	5.64	.98	4.77	1.34	8.10	2.57	3.11	3.70	45.58
61	3.19	4.05	2.86	7.72	2.99	2.57	3.99	2.00	6.45	2.34	5.00	3.60	46.76
62	2.32	4.36	2.32	3.33	2.78	3.15	2.57	2.78	3.11	12.10	3.83	5.68	48.33
63	4.31	2.60	3.84	1.62	4.04	1.53	2.69	2.52	4.54	1.49	12.35	2.18	43.71
64	5.12	3.69	4.41	3.58	1.01	.94	3.16	2.08	1.25	3.27	4.09	3.86	36.46
65	2.28	6.27	1.73	2.11	1.27	2.97	1.99	3.00	2.37	3.13	2.94	1.72	31.78
66	6.92	3.72	2.50	1.06	3.43	2.48	3.43	1.75	5.48	3.02	3.84	3.10	40.73
67	1.69	3.52	2.85	3.55	6.69	4.08	4.15	2.13	2.53	.97	2.80	5.07	40.03
68	3.11	1.04	5.75	2.86	4.07	4.99	.60	1.40	1.76	2.77	9.45	7.51	45.31
69	3.31	5.87	2.75	2.17	1.29	2.20	4.57	2.30	4.28	1.86	8.18	10.05	48.83
70	.80	4.52	4.09	3.85	2.95	3.87	1.32	3.24	3.63	4.61	2.96	4.72	40.56
71	1.81	3.56	2.33	1.85	3.74	2.21	2.76	2.49	2.78	3.18	5.01	3.58	35.30
72	1.88	6.06	6.17	3.13	5.15	5.85	3.92	1.11	5.29	4.75	8.46	5.57	57.34
73	2.05	1.96	3.30	11.11	5.88	2.63	4.38	4.15	1.72	2.63	2.70	8.05	50.56
74	3.74	2.06	3.41	4.36	4.97	3.18	.73	1.69	6.24	2.02	3.97	4.90	41.27
75	4.24	3.09	3.46	2.30	1.69	4.06	3.80	7.21	5.32	5.45	5.19	5.63	51.44
76	3.07	2.57	2.61	2.91	3.99	.84	3.99	4.71	2.52	4.74	.84	2.54	35.33
77	4.98	2.72	5.76	3.38	2.59	3.11	1.29	2.29	4.40	7.27	6.34	5.90	50.03
78	6.67	.87	2.37	3.40	6.56	4.93	1.52	2.15	.18	3.40	2.13	3.63	37.81
79	12.11	2.75	3.86	3.93	4.57	1.39	3.29	4.60	3.19	4.92	3.41	1.90	49.92
80	.44	1.03	4.55	6.02	1.58	4.02	2.60	2.59	1.89	4.03	3.89	.63	33.27
81	.53	9.43	1.03	3.34	1.31	3.34	5.35	1.75	3.93	4.36	3.55	6.19	44.11
82	4.56	2.44	2.36	3.56	2.20	8.80	3.60	1.71	2.21	2.12	3.91	.82	38.29
83	4.64	3.87	10.19	7.16	5.94	2.35	4.38	2.71	1.57	3.09	13.71	7.55	66.96
84	3.09	5.35	3.99	5.67	9.31	2.73	3.35	2.49	.92	3.97	3.79	2.65	47.36
85	.83	1.61	3.18	1.34	5.05	2.89	5.51	3.82	4.75	2.70	6.19	1.40	34.60
86	4.51	1.94	2.94	2.92	1.37	5.64	4.90	2.17	2.12	1.93	6.37	7.39	44.20
87	6.03	.02	3.84	7.69	1.67	4.31	2.34	1.88	6.91	2.43	3.09	2.40	42.61
88	1.68	3.54	2.74	3.55	4.93	1.41	7.81	5.68	2.86	2.96	6.43	1.24	44.83
89	.70	2.83	2.67	3.29	4.17	4.29							17.95*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.44	.02	1.03	1.06	1.01	.84	.60	1.11	.18	.97	.84	.63	27.69
GREATEST	12.26	9.43	10.19	11.11	9.31	8.80	7.81	7.21	8.10	12.10	13.71	10.05	66.96
MEAN	3.70	3.38	3.56	3.82	3.62	3.25	3.34	2.70	3.44	3.66	5.01	4.19	43.79
MEDIAN	3.11	3.52	3.18	3.38	3.26	3.04	3.35	2.30	3.11	3.13	3.94	3.70	44.16
SD	2.775	1.902	1.670	2.108	1.954	1.758	1.511	1.338	1.920	2.047	2.788	2.345	7.950
TOTAL OBS	1023	932	1023	1012	1054	1020	1023	1023	990	1023	990	1023	12136

THE GREATEST VALUE OF 13.71 OCCURRED ON 11/83

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
56				1.60*	1.93	1.90	.78	.54	.68	2.73	1.92	1.03	2.73*
57	.75	.43	.53	1.06	1.36	.35	.64	.37	.37	1.39	1.04	.75	1.39
58	2.86	1.40	1.27	1.32	.63	1.14	1.11	.84	1.30	1.37	1.51	.56	2.86
59	1.28	1.06	1.28	.83	.61	.99	2.36	1.66	1.08	1.03	.89	1.61	2.36
60	1.39	2.23	.97	.82	2.06	.50	1.90	.61	4.03	1.39	1.87	1.28	4.03
61	1.57	1.34	.91	1.84	.87	1.35	2.37	.52	3.55	.77	1.19	.97	3.55
62	.70	1.28	1.27	1.07	.96	1.09	.72	1.47	1.32	6.73	1.42	2.21	6.73
63	1.25	.90	1.43	.50	1.60	.71	1.58	.52	1.94	.91	4.08	.65	4.08
64	1.31	1.82	2.17	.82	.22	.48	.91	1.40	.85	1.11	1.63	.76	2.17
65	1.02	4.11	.65	.71	.35	1.44	.54	.65	.77	1.50	1.24	.70	4.11
66	1.92	1.85	.66	.34	.75	.60	1.01	1.09	2.66	.90	1.15	1.34	2.66
67	.88	1.10	1.32	1.18	1.13	1.64	1.16	.53	1.70	.43	.91	1.56	1.70
68	1.24	.62	2.43	1.32	1.14	1.22	.29	.88	1.10	1.49	2.63	2.05	2.63
69	1.20	1.84	1.59	.84	.25	.60	1.10	1.06	2.97	.50	1.65	3.05	3.05
70	.26	1.25	.96	2.33	1.59	.89	.36	1.31	1.35	3.09	.67	1.46	3.09
71	.32	.70	.57	.45	1.13	.94	.69	1.11	.91	2.11	1.46	.53	2.11
72	.34	1.61	1.48	.78	1.10	.78	.77	.26	3.22	3.23	2.08	1.08	3.23
73	.69	1.32	.94	4.60	1.11	.42	2.61	2.20	.85	1.24	.79	2.06	4.60
74	.83	.94	1.38	1.10	1.08	1.21	.34	.77	2.33	1.66	1.19	1.92	2.33
75	1.13	1.42	1.17	1.35	.43	1.29	1.04	4.10	1.45	1.69	1.28	1.49	4.10
76	.55	1.41	.65	1.53	.65	.60	.77	2.65	.67	1.31	.39	1.14	2.65
77	2.57	.86	1.90	1.25	1.62	.48	.93	1.04	1.59	1.84	4.10	1.10	4.10
78	1.39	.69	1.24	1.86	3.83	2.03	.44	.55	.15	.96	.77	1.26	3.83
79	2.80	1.39	.78	1.36	1.23	.98	1.74	1.14	.90	1.25	1.83	.98	2.80
80	.18	.66	1.44	1.79	1.29	1.17	1.05	1.05	.89	1.83	1.67	.24	1.83
81	.20	3.86	.41	.77	.31	1.03	1.54	.79	1.01	.86	.87	1.89	3.86
82	1.35	1.21	.61	1.24	.80	3.22	1.65	1.35	.51	.99	1.37	.28	3.22
83	1.20	1.79	2.51	2.53	1.32	1.13	2.37	1.32	1.14	.91	3.29	1.96	3.29
84	1.14	1.11	1.18	2.11	2.11	.88	1.56	.81	.44	2.00	2.26	.76	2.26
85	.17	.42	1.68	.42	.68	.44	1.66	1.44	1.55	1.06	2.80	.57	2.80
86	1.29	.34	.82	.92	.46	1.11	1.74	.52	.56	.57	2.98	2.58	2.98
87	1.52	.02	1.85	3.09	1.19	1.37	1.16	.75	2.69	.90	1.21	.74	3.09
88	.37	1.19	.96	1.87	1.78	.61	1.85	1.67	2.13	1.74	2.35	.55	2.35
89	.24	1.15	.91	1.02	1.27	1.49							1.49*

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	2.86	4.11	2.51	4.60	3.83	3.22	2.61	4.10	4.03	6.73	4.10	3.05	6.73
TOTAL OBS	1023	932	1023	1012	1054	1020	1023	1023	990	1023	990	1023	12136

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	58.9	61.4	68.5	86.6	99.1	100.0	100.0	100.0	100.0	98.8	84.7	59.2	84.9
TRACE	17.4	16.0	13.6	8.8	.9					.7	10.2	17.4	7.0
0.1-0.4	7.6	8.0	5.3	1.8						.1	1.4	6.9	2.6
0.5-1.4	5.3	4.9	5.6	.9						.3	1.1	6.8	2.1
1.5-2.4	2.7	3.2	1.8	1.1						.1	.9	2.5	1.0
2.5-3.4	2.5	1.5	2.1	.4							.7	2.6	.8
3.5-4.4	1.4	1.2	.9								.3	1.2	.4
4.5-6.4	1.6	1.3	1.1	.2							.4	1.4	.5
6.5-10.4	1.9	1.0	.8	.2							.2	1.4	.4
10.5-15.4	.4	2	.5									.3	.2
15.5-25.4	.7	.3		.1								.2	.1
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	23.7	22.6	17.9	4.6						.5	5.1	23.4	8.1
TOTAL NO. OF OBSERVATIONS	1023	932	1023	1012	1054	1020	1023	1023	990	1023	990	1023	12136

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
56				1.9*	.0	.0	.0	.0	.0	.0	2.7	29.2	33.8*
57	24.3	.6	5.0	2.9	.0	.0	.0	.0	.0	.0	TRACE	2.1	34.9
58	33.9	23.0	25.0	1.7	.0	.0	.0	.0	.0	.0	TRACE	10.5	94.1
59	7.7	12.4	24.4	TRACE	.0	.0	.0	.0	.0	.0	3.8	20.1	68.4
60	22.8	12.1	11.0	TRACE	.0	.0	.0	.0	.0	.0	.0	21.9	67.8
61	26.6	17.3	16.4	6.0	.0	.0	.0	.0	.0	.1	7.9	29.8	104.1
62	4.7	43.5	10.2	2.0	.0	.0	.0	.0	.0	2.0	1.2	7.4	71.0
63	10.6	17.8	17.3	TRACE	TRACE	.0	.0	.0	.0	TRACE	4.2	17.7	67.6
64	19.2	20.5	9.4	.5	.0	.0	.0	.0	.0	.0	TRACE	14.7	64.3
65	18.5	5.8	9.4	.3	.0	.0	.0	.0	.0	TRACE	.5	3.7	38.2
66	43.5	16.2	4.4	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	13.1	77.2
67	1.2	43.9	23.5	7.0	TRACE	.0	.0	.0	.0	.0	5.3	19.8	100.7
68	19.0	3.8	13.2	.0	.0	.0	.0	.0	.0	.0	3.8	18.3	58.1
69	3.9	61.2	8.4	TRACE	.0	.0	.0	.0	.0	1.9	TRACE	29.8	105.2
70	5.5	13.5	18.1	1.8	.0	.0	.0	.0	.0	TRACE	.0	38.4	77.3
71	15.1	16.2	19.7	7.0	.0	.0	.0	.0	.0	.0	12.8	21.6	92.4
72	9.0	44.5	22.2	6.9	.0	.0	.0	.0	.0	TRACE	9.0	26.6	118.2
73	10.5	6.4	.2	2.1	.0	.0	.0	.0	.0	.0	TRACE	6.5	25.7
74	20.2	7.9	2.3	9.2	.0	.0	.0	.0	.0	.0	6.5	12.7	58.8
75	17.4	19.2	7.5	1.3	.0	.0	.0	.0	.0	.0	4.5	28.0	77.9
76	12.8	5.1	30.4	TRACE	.0	.0	.0	.0	.0	.0	2.8	14.4	65.5
77	32.4	9.2	22.1	TRACE	TRACE	.0	.0	.0	.0	.0	1.3	25.0	90.0
78	35.1	16.9	9.0	TRACE	.0	.0	.0	.0	.0	.0	6.4	12.5	79.9
79	30.5	3.7	TRACE	2.4	.0	.0	.0	.0	.0	.9	TRACE	2.2	39.7
80	2.1	9.9	5.7	TRACE	.0	.0	.0	.0	.0	.0	9.8	8.2	35.7
81	9.8	4.0	4.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	25.7	43.8
82	21.0	7.0	4.9	24.4	.0	.0	.0	.0	.0	.0	.7	4.0	62.0
83	16.6	29.8	.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	17.3	64.2
84	27.4	2.7	23.4	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	6.4	59.9
85	12.1	9.4	9.1	1.2	.0	.0	.0	.0	.0	.0	4.3	5.4	41.5
86	9.2	11.0	2.6	TRACE	.0	.0	.0	.0	.0	.0	9.1	3.9	35.8
87	41.4	.2	6.6	5.5	.0	.0	.0	.0	.0	.0	4.4	6.8	64.9
88	13.3	21.5	7.7	TRACE	.0	.0	.0	.0	.0	TRACE	.0	1.3	43.8
89	3.1	9.1	6.2	1.7	.0	.0							20.1*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	1.2	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.3	25.7
GREATEST	43.5	61.2	30.4	24.4	TRACE	.0	.0	.0	.0	2.0	12.8	38.4	118.2
MEAN	17.6	15.9	11.5	2.5	TRACE	.0	.0	.0	.0	.1	3.1	15.3	66.5
MEDIAN	16.6	12.1	9.1	.5	.0	.0	.0	.0	.0	.0	1.3	14.4	65.2
SD	11.414	14.251	8.424	4.722	.000	.000	.000	.000	.000	.491	3.588	10.002	23.584
TOTAL OBS	1023	932	1023	1012	1054	1020	1023	1023	990	1023	990	1023	12136

THE GREATEST VALUE OF 61.2 OCCURRED ON 02/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
56				1.9*	.0	.0	.0	.0	.0	.0	2.7	10.3	10.3*
57	7.5	.3	2.7	2.8	.0	.0	.0	.0	.0	.0	TRACE	.8	7.5
58	8.9	10.5	9.7	1.3	.0	.0	.0	.0	.0	.0	TRACE	6.6	10.5
59	4.1	4.1	11.3	TRACE	.0	.0	.0	.0	.0	.0	3.8	12.6	12.6
60	11.3	5.1	9.1	TRACE	.0	.0	.0	.0	.0	.0	.0	15.5	15.5
61	17.5	13.9	8.4	3.2	.0	.0	.0	.0	.0	.1	5.5	16.8	17.5
62	3.1	13.2	3.2	1.1	.0	.0	.0	.0	.0	2.0	.6	6.6	13.2
63	8.2	7.0	4.1	TRACE	TRACE	.0	.0	.0	.0	TRACE	3.7	5.1	8.2
64	9.6	7.5	7.1	.2	.0	.0	.0	.0	.0	.0	TRACE	6.2	9.6
65	8.0	3.0	3.0	.3	.0	.0	.0	.0	.0	TRACE	.4	1.6	8.0
66	14.4	12.0	3.0	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	5.5	14.4
67	.4	14.1	13.1	4.7	TRACE	.0	.0	.0	.0	.0	3.0	9.5	14.1
68	7.0	3.2	4.8	.0	.0	.0	.0	.0	.0	.0	2.7	6.4	7.0
69	3.1	20.4	5.7	TRACE	.0	.0	.0	.0	.0	1.1	TRACE	12.9	20.4
70	1.8	8.6	4.2	1.8	.0	.0	.0	.0	.0	TRACE	.0	10.8	10.8
71	4.0	4.7	8.1	6.8	.0	.0	.0	.0	.0	.0	9.9	6.2	9.9
72	3.2	17.3	13.3	1.9	.0	.0	.0	.0	.0	TRACE	6.0	7.2	17.3
73	8.1	3.8	.1	1.8	.0	.0	.0	.0	.0	.0	TRACE	3.7	8.1
74	7.7	5.6	1.4	7.2	.0	.0	.0	.0	.0	.0	2.5	7.1	7.7
75	7.4	5.8	3.1	.8	.0	.0	.0	.0	.0	.0	4.5	6.9	7.4
76	5.7	2.7	12.3	TRACE	.0	.0	.0	.0	.0	.0	2.4	6.1	12.3
77	15.9	4.8	11.1	TRACE	TRACE	.0	.0	.0	.0	.0	1.2	9.2	15.9
78	14.8	12.8	5.7	TRACE	.0	.0	.0	.0	.0	.0	3.4	6.5	14.8
79	8.1	2.2	TRACE	2.3	.0	.0	.0	.0	.0	.9	TRACE	2.0	8.1
80	2.1	6.9	5.3	TRACE	.0	.0	.0	.0	.0	.0	9.8	4.7	9.8
81	2.5	3.1	1.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	8.8	8.8
82	6.5	4.0	1.9	18.3	.0	.0	.0	.0	.0	.0	.6	1.5	18.3
83	8.1	15.5	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	7.4	15.5
84	8.0	1.9	9.3	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	2.2	9.3
85	3.5	3.2	5.1	1.2	.0	.0	.0	.0	.0	.0	2.0	1.1	5.1
86	6.0	3.0	1.1	TRACE	.0	.0	.0	.0	.0	.0	5.4	2.6	6.0
87	17.1	.2	1.7	4.5	.0	.0	.0	.0	.0	.0	2.0	2.5	17.1
88	4.1	11.8	5.4	TRACE	.0	.0	.0	.0	.0	TRACE	.0	1.3	11.8
89	2.8	5.5	3.5	1.7	.0	.0							5.5*

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	13.6	16.1	44.9	94.1	100.0	100.0	100.0	100.0	100.0	99.6	90.1	45.1	75.7
TRACE	8.8	10.8	14.0	1.9						.2	3.8	9.3	4.0
1	9.9	10.7	7.5	1.4						.1	1.8	11.3	3.5
2	11.8	7.9	6.0	.9						.1	.9	7.0	2.9
3	11.3	5.5	4.6	.5							1.2	5.2	2.3
4-6	15.4	19.6	10.6	.7							1.6	12.0	4.9
7-12	19.4	15.9	9.0	.2							.5	8.1	4.4
13-24	9.1	12.3	2.4	.4								1.9	2.1
25-36	.7	.9	1.0									.1	.2
37-48		.2	.1										.0
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	77.6	73.1	41.2	4.1						.2	6.1	45.7	20.3
TOTAL NO. OF OBSERVATIONS	1023	932	1023	1012	1054	1020	1023	1023	990	1023	990	1023	12136

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
56				3*	0	0	0	0	0	0	3	11	11*
57	21	5	3	3	0	0	0	0	0	0	0	1	21
58	12	19	11	1	0	0	0	0	0	0	TRACE	7	19
59	4	8	15	0	0	0	0	0	0	0	4	12	15
60	14	10	12	0	0	0	0	0	0	0	0	16	16
61	19	21	11	4	0	0	0	0	0	0	7	26	26
62	9	19	10	1	0	0	0	0	0	0	1	5	19
63	8	14	10	0	0	0	0	0	0	0	4	6	14
64	12	13	8	0	0	0	0	0	0	0	0	7	13
65	8	6	3	0	0	0	0	0	0	0	0	3	8
66	30	30	4	0	0	0	0	0	0	0	0	6	30
67	3	18	20	5	0	0	0	0	0	0	3	13	20
68	25	3	8	0	0	0	0	0	0	0	3	6	25
69	11	39	38	0	0	0	0	0	0	2	0	9	39
70	4	9	6	1	0	0	0	0	0	0	0	24	24
71	18	10	15	4	0	0	0	0	0	0	8	8	18
72	7	30	16	3	0	0	0	0	0	0	7	10	30
73	9	7	TRACE	2	0	0	0	0	0	0	0	3	9
74	11	6	1	5	0	0	0	0	0	0	4	7	11
75	9	10	3	1	0	0	0	0	0	0	5	12	12
76	14	2	10	0	0	0	0	0	0	0	1	9	14
77	18	16	11	TRACE	0	0	0	0	0	0	1	13	18
78	24	21	15	0	0	0	0	0	0	0	4	6	24
79	11	8	2	2	0	0	0	0	0	TRACE	0	2	11
80	2	7	5	0	0	0	0	0	0	0	8	6	8
81	4	3	3	0	0	0	0	0	0	0	TRACE	9	9
82	13	7	5	21	0	0	0	0	0	0	TRACE	1	21
83	15	20	8	0	0	0	0	0	0	0	0	7	20
84	13	8	14	4	0	0	0	0	0	0	0	2	14
85	5	8	7	2	0	0	0	0	0	0	3	3	8
86	6	8	5	0	0	0	0	0	0	0	5	4	8
87	22	23	16	6	0	0	0	0	0	0	2	2	23
88	10	12	5	0	0	0	0	0	0	0	0	1	12
89	TRACE	5	4	1	0	0	0	0	0	0	0	1	5*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	30	34	38	21	0	0	0	0	0	2	8	26	39
TOTAL OBS	1023	932	1023	1012	1054	1020	1023	1023	990	1023	990	1023	12136

THE GREATEST VALUE OF 39 OCCURRED ON 02/27/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH

PERIOD OF RECORD: 5604-8906

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
55 - 56	APR 09	APR 23	APR 09	APR 23	APR 23	APR 13
56 - 57	NOV 18	NOV 18	NOV 18	APR 09	APR 09	APR 09
57 - 58	NOV 25	DEC 11	DEC 16	APR 28	APR 12	APR 12
58 - 59	NOV 02	DEC 03	DEC 04	APR 28	MAR 27	MAR 29
59 - 60	NOV 17	NOV 29	NOV 30	APR 11	MAR 24	MAR 20
60 - 61	DEC 01	DEC 12	DEC 12	APR 19	APR 14	APR 15
61 - 62	OCT 15	OCT 15	NOV 21	APR 17	APR 16	APR 16
62 - 63	OCT 26	OCT 26	NOV 14	MAY 11	MAR 21	MAR 24
63 - 64	OCT 30	NOV 14	NOV 15	APR 20	APR 04	MAR 19
64 - 65	NOV 16	DEC 03	DEC 04	APR 19	APR 13	MAR 30
65 - 66	OCT 28	NOV 21	DEC 13	MAY 09	MAR 13	MAR 15
66 - 67	NOV 05	DEC 02	DEC 14	MAY 26	APR 24	APR 19
67 - 68	NOV 07	NOV 15	NOV 16	MAR 24	APR 13	MAR 16
68 - 69	NOV 10	NOV 10	NOV 27	APR 20	MAR 30	MAR 30
69 - 70	OCT 22	OCT 22	OCT 23	APR 20	APR 02	APR 01
70 - 71	OCT 17	DEC 06	DEC 06	APR 17	APR 16	APR 09
71 - 72	NOV 07	NOV 11	NOV 22	APR 20	APR 20	APR 08
72 - 73	OCT 19	NOV 14	NOV 15	APR 11	APR 11	APR 05
73 - 74	NOV 06	DEC 09	DEC 17	APR 25	APR 10	APR 11
74 - 75	NOV 17	NOV 21	NOV 26	APR 26	APR 05	APR 05
75 - 76	NOV 14	NOV 24	NOV 25	APR 25	MAR 19	MAR 21
76 - 77	NOV 06	NOV 10	NOV 11	MAY 10	MAR 23	MAR 27
77 - 78	NOV 28	NOV 28	NOV 29	APR 07	MAR 26	MAR 27
78 - 79	NOV 20	NOV 21	NOV 21	APR 19	APR 09	APR 10
79 - 80	OCT 10	OCT 10	DEC 14	APR 22	MAR 14	MAR 10
80 - 81	NOV 07	NOV 18	NOV 18	APR 06	MAR 21	MAR 21
81 - 82	NOV 07	DEC 05	DEC 06	APR 13	APR 12	APR 14
82 - 83	NOV 24	NOV 26	DEC 11	APR 20	MAR 16	MAR 06
83 - 84	NOV 15	DEC 02	DEC 03	MAY 16	MAR 30	APR 02
84 - 85	NOV 13	DEC 06	DEC 06	APR 18	APR 01	APR 02
85 - 86	NOV 11	NOV 16	NOV 23	APR 23	MAR 13	MAR 11

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH

PERIOD OF RECORD: 5604-8906

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
86 - 87	NOV 06	NOV 11	NOV 12	APR 29	APR 29	APR 29
87 - 88	NOV 06	NOV 10	NOV 11	APR 20	MAR 20	MAR 07
88 - 89	OCT 08	DEC 23	DEC 24	APR 10	APR 08	APR 08

MEDIAN-DATE

NOV 07

NOV 21

NOV 28

APR 20

APR 03

APR 01

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5609-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
56									WNW 28	WNW 33	SSW 36	NW 44	NW *44
57	WNW 40	WNW 32	N 36	WNW 35	NW 41	WNW 36	W 29	NNW 32	N 33	NNW 31	S 35	S 43	S 43
58	N *42	*	*	*	*	*	*	N *37	NW *18	WNW*37	WNW 35	WNW 29	N *42
59	NW 42	NW 34	ENE 41	W 34	ENE 28	ENE 31	NW 27	WNW 33	NNW 25	S 41	NW 36	WNW 54	WNW 54
60	WNW 37	NE 44	NE 35	WNW 36	NW 25	WNW 28	NE 29	N 23	SSE 65	NW 30	W 34	NNW 38	SSE 65
61	NW 36	W 36	NW 32	ENE 36	NW 32	WNW*28	WNW*22	WNW*23	NNE*28	NNE*27	WNW*30	NW 35	NW *36
62	WNW 42	NE 35	ENE 42	NW 49	NW 47	WNW*25	NW 28	NE *34	ENE 46	NNW 36	E 44	WNW*50	WNW*50
63	WNW*42	WNW*35	WNW*33	WNW*45	NW *32	W *33	NW *30	NW 33	WSW 34	NNE*50	SSE 46	W 34	NNE*50
64	N 42	NW 45	WNW 46	WNW 38	WNW*43	WNW*39	WNW*30	W *31	SSW 33	WNW 30	SE 43	WNW 48	WNW*48
65	WNW 39	NW 46	W 40	W 28	WNW 30	WNW 37	W 44	W 49	S 29	NW *43	WSW 45	WNW 42	W *49
66	NE 45	NW 37	WNW 44	NW 33	W 33	N 40	WSW 30	NW 27	WNW 39	WNW 44	SE 39	W 39	NE 45
67	NE 40	WSW 48	NNW 30	NNE 45	NE 45	NE 36	W 53	SW 23	WNW 31	SW 32	W 32	WNW 40	W 53
68	WNW 46	WNW 42	WNW 38	WNW 42	NN 34	NW 33	32/ 28	25/ 31	10/ 37	29/ 34	06/ 41	27/ 45	WNW 46
69	28/ 52	02/ 57	11/ 41	09/ 40	32/ 32	28/ 28	21/ 22	34/ 28	21/ 26	30/ 27	14/ 39	03/ 37	02/ 57
70	30/ 32	31/ 39	28/ 36	29/ 38	34/ 30	34/ 20	22/ 28	32/ 31	31/ 29	28/ 28	27/ 39	34/ 42	34/ 42
71	27/ 44	03/ 40	05/ 45	35/ 39	36/ 34	30/ 40	22/ 44	09/ 50	01/ 44	10/ 32	30/ 35	31/ 50	09/ 50
72	28/ 55	06/ 53	34/ 33	33/ 35	34/ 38	28/ 30	36/ 28	31/ 27	03/ 28	31/ 30	14/ 42	30/ 44	28/ 55
73	30/ 42	17/ 40	32/ 32	30/ 38	07/ 33	30/ 27	28/ 22	33/ 28	29/ 30	09/ 44	27/ 55	14/ 45	27/ 55
74	29/ 53	29/ 44	33/ 49	06/ 40	29/ 49	07/ 29	34/ 33	20/ 27	26/ 36	28/ 38	30/ 42	04/ 41	29/ 53
75	30/ 41	22/ 46	30/ 41	11/ 43	03/ 32	04/ 31	22/ 28	09/ 31	22/ 28	31/*30	27/*26	28/ 35	22/*46
76	26/ 46	26/ 46	28/ 43	12/ 36	26/ 43	35/ 28	31/ 37	12/ 38	15/ 28	31/ 39	32/ 32	30/ 51	30/ 51
77	27/ 38	09/ 38	06/ 52	26/ 40	28/ 41	03/ 39	32/ 32	30/ 27	29/ 36	16/ 34	30/ 40	29/ 38	06/ 52
78	18/ 56	03/ 44	26/ 46	31/ 45	01/ 37	30/ 33	25/ 34	30/ 23	32/ 35	32/ 34	32/ 36	29/ 47	18/ 56
79	04/ 52	30/ 44	20/ 34	28/ 45	31/ 40	27/ 26	32/ 26	31/ 26	15/ 53	32/ 36	31/ 40	31/ 44	15/ 53
80	28/ 43	29/ 32	29/ 49	31/ 35	31/ 34	04/ 34	31/ 31	28/ 30	28/ 32	09/ 51	13/ 38	30/ 43	09/ 51
81	29/ 36	29/ 42	28/ 41	30/ 39	04/ 30	32/ 35	32/ 30	30/ 25	14/ 29	31/ 35	31/ 31	29/ 36	29/ 42
82	27/ 35	31/ 35	27/ 33	31/ 40	21/ 21	05/ 31	28/ 26	28/ 43	03/ 19	30/ 27	19/ 32	27/ 36	28/ 43
83	02/ 39	13/ 37	32/ 36	08/ 32	15/ 26	32/ 21	23/ 37	30/ 32	18/ 30	07/ 37	31/ 41	28/ 46	28/ 46
84	30/ 30	31/ 37	27/ 44	12/ 37	26/ 38	01/ 32	30/ 35	17/ 21	33/ 28	32/ 31	29/ 31	29/ 36	27/ 44
85	31/ 45	11/ 44	31/ 37	31/ 36	34/ 34	28/ 28	17/ 27	35/ 26	15/ 65	32/ 34	04/ 33	29/ 36	15/ 65
86	14/ 33	33/ 25	27/ 36	05/ 30	33/ 31	32/ 35	05/ 27	31/ 30	27/ 28	30/ 43	02/ 38	27/ 37	30/ 43
87	06/ 40	32/ 38	16/ 38	05/ 35	04/ 32	31/ 30	31/ 35	31/ 28	05/ 28	30/ 34	31/ 36	31/ 39	06/ 40
88	30/ 38	27/ 39	29/ 44	33/ 33	31/ 30	31/ 34	35/ 32	26/ 40	32/ 28	08/ 34	10/ 37	28/ 37	29/ 44
89	30/ 44	28/ 40	25/ 40	06/ 30	21/ 37	31/ 38							30/*44

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5609-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GREATEST	18/ 56	02/ 57	06/ 52	NW 49	29/ 49	N 40	W 53	09/ 50	SSE 65	09/ 51	27/ 55	WNW 54	SSE 65
TOTAL OBS	1002	887	973	941	969	927	918	948	938	974	954	1015	11446

THE PEAK WIND OF 65 FROM SSE OCCURRED ON 09/12/60

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5609-8906
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN MEDIAN		TOTAL
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND	WIND	
JAN	.0	7.9	21.9	18.8	20.2	13.6	9.8	4.0	3.5	.5	.0	20.8	20.0	1002
FEB	.1	6.2	19.3	20.5	22.3	13.3	10.0	4.3	3.5	.5	.0	21.2	20.0	887
MAR	.0	2.9	19.1	23.0	21.3	15.4	10.4	4.6	3.2	.1	.0	21.7	20.0	973
APR	.0	1.0	14.3	30.4	23.6	15.5	8.8	4.6	1.8	.0	.0	21.6	20.0	941
MAY	.0	1.8	19.9	33.0	24.9	10.5	7.1	1.8	1.0	.0	.0	19.7	19.0	969
JUN	.0	2.5	29.2	34.2	21.5	8.6	2.8	1.0	.2	.0	.0	17.9	17.0	927
JUL	.0	4.0	36.1	31.9	20.8	4.8	1.5	.4	.3	.1	.0	16.7	16.0	918
AUG	.0	4.2	40.0	33.2	15.0	4.5	2.2	.4	.3	.1	.0	16.2	15.0	948
SEP	.1	5.8	36.9	31.0	14.6	8.3	2.1	.6	.2	.1	.2	16.8	16.0	938
OCT	.1	7.7	27.5	27.9	18.4	10.8	4.8	2.0	.6	.2	.0	18.2	17.0	974
NOV	.0	7.5	23.5	22.4	20.1	13.8	7.8	3.2	1.5	.1	.0	19.6	19.0	954
DEC	.1	9.0	21.3	19.8	20.4	12.9	8.2	5.3	2.7	.4	.0	20.4	19.0	1015
ANNUAL	.0	5.1	25.7	27.1	20.2	11.1	6.3	2.7	1.6	.2	.0	19.3	18.0	11446

OPERATING LOCATION "A"
USAFEAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.5	2.7	1.4	.1								7.7	6.0	5.0
020-040	1.2	1.3	.8	.3	.2							3.8	7.9	6.0
050-070	.2	.3	.1									.6	6.0	6.5
(E) 080-100		.1	.1									.2	11.5	11.5
110-130	.1	.1	.4	.1								.8	10.7	12.0
140-160	.5	.2		.1								.9	4.6	3.5
(S) 170-190	1.6	.4		.1								2.2	4.3	4.0
200-220	3.0	3.0	.1		.2							6.3	5.1	5.0
230-250	4.6	3.4	1.5									9.6	5.4	5.0
(W) 260-280	7.3	9.9	4.1	1.1								22.4	6.8	6.0
290-310	5.2	7.0	4.0	2.4	.4	.1						19.0	8.4	8.0
320-340	4.9	1.9	1.7	.4								9.0	5.9	4.0
VARIABLE														
CALM	////////////////////////////////////										17.5	////////////////////////////////		
TOTALS	32.1	30.3	14.2	4.6	.8	.1						100.0	5.5	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.9	4.4	1.6	.1								9.0	6.2	6.0
020-040	.9	1.4	.5	.3	.3							3.4	8.9	7.0
050-070	.3	.2										.5	4.6	4.0
(E) 080-100		.1	.1									.2	8.0	8.0
110-130			.1	.2	.2							.5	18.6	19.0
140-160	.9	.1		.2	.1	.1						1.4	8.2	4.0
(S) 170-190	1.7	.5										2.3	3.6	3.0
200-220	2.5	2.0	.4	.2								5.2	5.5	5.0
230-250	5.6	5.4	1.1									12.0	5.2	5.0
(W) 260-280	7.8	7.3	2.7	1.2								19.0	6.5	5.0
290-310	6.0	5.7	4.9	1.8	.5							19.0	8.0	8.0
320-340	5.9	3.3	1.0	.4								10.6	5.5	4.0
VARIABLE														
CALM	////////////////////////////////////											16.7	////////////////////////////////	
TOTALS	34.5	30.4	12.4	4.4	1.1	.1						100.0	5.5	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	4.3	2.0									8.6	6.9	6.0
020-040	1.0	1.7	.6	.4	.1							3.9	8.1	7.0
050-070	.5	.1										.6	3.3	2.0
(E) 080-100	.2											.2	2.5	2.5
110-130	.1											.1	2.0	2.0
140-160	.5	.4	.3	.2	.4							1.9	11.0	9.5
(S) 170-190	1.0	.5	.1									1.6	4.7	4.0
200-220	3.1	1.6	.2	.1								5.1	4.9	4.0
230-250	7.0	4.2	1.0	.1	.2							12.5	5.1	4.0
(W) 260-280	8.2	8.6	4.5	.6	.1							22.0	6.5	6.0
290-310	5.6	4.5	4.2	1.8	.2							16.3	7.7	7.0
320-340	6.2	3.0	1.4	.2								10.9	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////											16.2	////////	
TOTALS	35.7	28.9	14.3	3.4	1.0							100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.4	2.2	.2								8.5	7.3	6.0
020-040	.8	1.8	.4	.2	.1							3.3	7.1	5.0
050-070	.4	.3										.8	3.9	4.0
(E) 080-100	.2	.1										.3	4.7	3.0
110-130	.4	.2	.3									1.0	6.4	5.0
140-160	.8	.3	.3	.1								1.5	6.9	5.5
(S) 170-190	.9	1.6	1.0									3.4	7.0	6.0
200-220	1.7	1.4	.1									3.2	4.8	4.0
230-250	4.8	5.7	2.0	.5	.1							13.2	6.3	5.0
(W) 260-280	5.4	7.0	5.3	1.6	.5	.1						19.9	8.1	8.0
290-310	4.2	5.4	7.4	3.1	.8							20.9	9.9	10.0
320-340	5.7	4.6	1.7	.3	.1							12.5	5.9	5.0
VARIABLE														
CALM	////////////////////											11.5	////////	
TOTALS	28.0	31.8	20.7	6.0	1.6	.1						100.0	6.7	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.0	1.8	.5								6.2	7.9	6.5
020-040	1.4	1.6	.8	.1								3.9	6.2	5.0
050-070	1.0	.6										1.6	4.3	4.0
(E) 080-100	.4	.2	.1									.8	5.4	4.0
110-130	.8	.4	.2	.1								1.5	6.3	4.5
140-160	.8	.8	.2	.3								2.0	7.4	6.0
(S) 170-190	1.5	2.3	.1									3.9	5.3	5.0
200-220	2.3	3.2	.5	.1								6.1	5.7	5.0
230-250	3.2	5.1	1.8	.2								10.3	6.6	6.0
(W) 260-280	3.8	7.1	5.1	2.0	1.5	.1						19.6	9.6	8.5
290-310	2.3	5.2	10.5	4.8	.8	.2						23.8	11.4	12.0
320-340	3.0	3.2	1.9	1.0								9.1	7.6	6.0
VARIABLE														
CALM	////////////////////////////////////											11.2	////////////////////////////////	
TOTALS	22.3	31.7	23.0	9.1	2.3	.3						100.0	7.6	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.2	1.3	.4								4.6	8.4	8.0
020-040	1.6	2.0	.5	.1								4.3	6.1	5.5
050-070	1.5	.4	.2									2.2	4.1	2.0
(E) 080-100	.8		.2	.1								1.1	6.6	4.0
110-130	1.7	.3	.1	.2								2.4	5.4	4.0
140-160	2.3	1.2	.2	.2								3.9	4.8	3.0
(S) 170-190	2.9	1.2	.4									4.5	4.5	4.0
200-220	3.9	2.2	.6									6.7	4.6	4.0
230-250	3.8	3.9	1.3	.2	.1							9.2	6.0	5.0
(W) 260-280	3.8	5.7	5.9	1.9	.3							17.6	8.9	9.0
290-310	3.0	5.7	10.4	3.1	1.4							23.7	10.7	10.0
320-340	2.8	3.5	1.8	.5	.1							8.8	7.4	6.0
VARIABLE														
CALM	////////////////////											11.1	////////	
TOTALS	28.9	28.3	22.9	6.7	1.9							100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	2.4	1.3		.1							6.9	6.1	5.0
020-040	2.2	1.6	.6									4.4	5.6	5.0
050-070	.6	.6	.4									1.7	6.3	6.5
(E) 080-100	.3	.3			.1							.8	7.3	5.0
110-130	.8	.3	.2									1.3	4.8	4.0
140-160	1.1	.3	.1	.3								1.8	6.5	4.0
(S) 170-190	2.6	1.0	.3									3.9	4.3	4.0
200-220	4.2	1.7										5.9	3.7	4.0
230-250	5.4	3.2	2.5	.3								11.4	6.0	5.0
(W) 260-280	6.7	5.8	5.3	.9								18.6	7.2	7.0
290-310	3.7	7.1	7.2	1.5	.1							19.6	8.8	9.0
320-340	2.9	2.3	1.9	.2	.1	.1						7.5	7.3	6.0
VARIABLE														
CALM	////////////////////											16.2	////////	
TOTALS	33.6	26.6	19.8	3.2	.4	.1						100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.7	1.5									7.5	6.2	6.0
020-040	1.7	2.2	.2	.3								4.4	6.1	6.0
050-070	.4	.4	.2		.2							1.3	8.5	6.5
(E) 080-100	.3	.2				.1						.6	8.0	5.0
110-130	.3	.5	.1									1.0	6.4	6.0
140-160	.4	.2	.2									.9	5.5	5.5
(S) 170-190	3.1	.8	.4									4.3	4.5	4.0
200-220	2.3	1.8	.1									4.2	4.4	4.0
230-250	4.7	5.1	2.3	.4								12.5	6.3	5.5
(W) 260-280	8.0	7.3	5.3	.8	.1							21.4	6.9	6.0
290-310	4.1	7.0	5.9	1.8	.6							19.5	8.7	8.0
320-340	2.7	2.6	1.6	.2								7.1	6.8	5.0
VARIABLE														
CALM	////////////////////////////////////											15.4	////////////////////////////////	
TOTALS	30.4	31.8	17.8	3.5	.9	.1						100.0	5.8	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.1	1.6	.2	.0							7.4	6.8	6.0
020-040	1.3	1.7	.6	.2	.1							3.9	6.9	6.0
050-070	.6	.4	.1		.0							1.2	5.2	4.0
(E) 080-100	.3	.1	.1	.0	.0	.0						.5	6.7	4.0
110-130	.5	.2	.2	.1	.0							1.1	7.0	5.0
140-160	.9	.4	.2	.2	.1	.0						1.8	6.8	4.0
(S) 170-190	1.9	1.0	.3	.0								3.3	4.8	4.0
200-220	2.9	2.1	.3	.1	.0							5.3	4.8	4.0
230-250	4.9	4.5	1.7	.2	.1							11.3	5.9	5.0
(W) 260-280	6.4	7.3	4.8	1.3	.3	.0						20.1	7.5	7.0
290-310	4.2	5.9	6.8	2.6	.6	.0						20.2	9.3	9.0
320-340	4.3	3.1	1.6	.4	.0	.0						9.4	6.3	5.0
VARIABLE														
CALM	////////////////////											14.5	////////	
TOTALS	30.6	29.8	18.3	5.3	1.2							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.4	9.9	5.1	.2								22.6	6.7	6.0
020-040	2.3	6.2	2.9	.8	.2							12.5	8.0	7.0
050-070	1.3	1.9	.2		.1							3.6	6.2	6.5
(E) 080-100	.8	.7	.2									1.8	6.1	6.0
110-130	1.1	1.0	1.5	.7	.2							4.5	10.3	10.0
140-160	1.2	1.6	1.1	1.7	.6	.1						6.3	11.3	11.0
(S) 170-190	2.4	2.1	1.0	.1								5.6	6.2	6.0
200-220	1.9	1.0		.1	.2							3.3	5.7	4.0
230-250	1.1	1.1										2.2	4.3	4.5
(W) 260-280	2.5	.8	.2	.1								3.8	4.5	3.0
290-310	1.7	1.1	1.5									4.2	6.5	6.0
320-340	8.1	6.3	2.3	.4								17.1	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											12.6	////////	
TOTALS	31.8	33.7	16.0	4.1	1.3	.1						100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 826

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	4.2	.6	.6								9.9	5.7	5.0
020-040	2.5	2.4	1.8	.2								6.8	6.9	6.0
050-070	.8	.8	.2									1.9	5.3	5.5
(E) 080-100	.7	.2	.2	.2	.1	.1						1.6	9.0	8.5
110-130	.5	.4	.6	.2								1.6	9.1	9.5
140-160	.9	1.5	.1									2.6	5.5	5.5
(S) 170-190	1.5	.8	.1									2.5	4.5	4.0
200-220	3.1	2.5	.5									6.0	4.8	4.0
230-250	5.5	3.2	.4	.1								9.2	4.6	4.0
(W) 260-280	6.7	6.1	1.1	.4	.1							14.4	5.3	5.0
290-310	5.4	8.7	5.9	.9	.4							21.3	7.7	7.0
320-340	2.8	2.9	.8	.4	.1							7.1	6.3	5.0
VARIABLE														
CALM	////////////////////////////////////											15.1	////////	
TOTALS	34.9	33.7	12.3	3.0	.7	.1						100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.1	4.5	1.3	.7								11.5	6.1	5.0
020-040	1.5	3.2	.6	.4								5.7	6.6	6.0
050-070	.7	1.2	.1									2.0	5.5	6.0
(E) 080-100	.5		.4	.1								.9	8.6	7.5
110-130	.6	.1	.8	.4								1.9	9.8	11.5
140-160	1.8	.4	.4									2.5	4.7	4.0
(S) 170-190	1.6	.6	.4									2.6	4.7	3.5
200-220	2.8	2.7	.1									5.7	4.9	4.5
230-250	5.3	2.1	.5									7.9	4.3	4.0
(W) 260-280	5.9	7.2	1.6	.7								15.4	6.1	5.0
290-310	4.9	7.4	5.5	.9	.2							19.1	7.7	7.0
320-340	2.7	2.6	1.3									6.6	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											18.3	////////	
TOTALS	33.4	32.0	13.0	3.2	.2							100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	4.4	1.8	.7	.1							11.7	6.8	6.0
020-040	2.1	2.6	1.3	.1								6.1	6.5	6.0
050-070	.4	.9	.2	.1								1.6	7.6	8.0
(E) 080-100	.4	.2	.7	.1								1.4	9.3	10.0
110-130	.5	.1	.2	.4								1.2	9.6	9.0
140-160	.5	.1	.5									1.1	7.6	8.0
(S) 170-190	.5	.8	.5	.1								1.9	7.1	6.5
200-220	2.9	2.9										5.9	4.6	4.5
230-250	4.1	4.4	.4									8.8	5.0	5.0
(W) 260-280	6.7	5.8	1.8	.4		.1						14.7	5.9	5.0
290-310	6.1	5.9	6.2	.9	.5							19.7	7.9	8.0
320-340	4.0	3.2	1.1	.2								8.5	5.5	5.0
VARIABLE														
CALM	////////////////////											17.4	////////	
TOTALS	32.9	31.3	14.7	3.0	.6	.1						100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	4.8	2.2	.8	.2							11.0	7.6	6.0
020-040	2.1	2.5	2.0									6.6	7.5	7.0
050-070	1.1	1.2	.9	.4								3.5	7.7	7.0
(E) 080-100	.7	.6	.7									2.0	7.2	7.0
110-130	.5	.6	.1									1.2	5.6	5.5
140-160	.1	.5	.4	.6	.4							1.9	13.3	14.0
(S) 170-190	.5	.5	.2									1.2	6.2	6.5
200-220	1.4	2.2	1.3									4.9	6.9	6.5
230-250	3.2	4.8	1.3	.1								9.4	6.0	6.0
(W) 260-280	3.7	6.9	4.6	.4	.5							16.0	8.0	8.0
290-310	2.8	5.1	8.1	3.2	.9							20.1	10.5	10.0
320-340	4.0	5.7	1.8	.4								11.8	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											10.4	////////	
TOTALS	22.9	35.4	23.6	5.9	2.0							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	2.8	2.6	.6								7.4	8.7	9.0
020-040	1.4	2.9	.7	.6								5.7	7.5	6.5
050-070	1.2	2.0	.6	.4								4.1	6.9	6.0
(E) 080-100	1.6	1.2	.4									3.2	5.2	4.0
110-130	1.2	2.2	.2									3.7	5.5	6.0
140-160	.7	2.6	.7	.4								4.4	8.1	8.0
(S) 170-190	.7	1.3			.1							2.1	6.0	5.5
200-220	1.1	2.2	.7									4.0	6.4	7.0
230-250	2.7	5.5	2.5	.1								10.8	6.8	7.0
(W) 260-280	3.2	6.9	7.5	1.2	.2							19.1	8.9	9.0
290-310	.8	3.4	10.1	3.8	.8							19.0	12.0	12.0
320-340	2.5	4.1	3.1	.6	.7							11.0	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											5.7	////////////////////////////////	
TOTALS	18.5	37.1	29.1	7.7	1.8							100.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.0	1.5	.2								5.5	7.1	6.0
020-040	2.5	1.9	1.2	.6	.1							6.2	7.5	6.0
050-070	1.8	2.1	.4	.1	.4							4.7	6.9	6.0
(E) 080-100	1.4	1.9	.6									3.9	5.6	5.0
110-130	2.2	2.1	.1									4.5	5.1	4.5
140-160	2.9	3.2	1.2	.4								7.7	6.5	6.0
(S) 170-190	1.4	1.1	.1	.1								2.7	5.2	4.0
200-220	2.2	2.2	.2									4.7	5.1	5.0
230-250	1.8	2.9	1.1	.1								5.9	6.6	6.0
(W) 260-280	2.4	7.8	3.7	1.1								14.8	8.1	8.0
290-310	1.1	7.1	11.1	2.9	1.1							23.2	11.1	11.0
320-340	2.0	4.1	3.7	.1	.1							10.0	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////	
TOTALS	23.5	38.4	24.9	5.6	1.7							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.8	.7	.2	.1							5.5	5.9	5.0
020-040	3.2	2.2	1.3	.8								7.5	7.0	6.0
050-070	1.4	1.2		.4								2.9	6.0	5.0
(E) 080-100	.9	.2	.4									1.5	5.5	4.0
110-130	1.6	.4		.1								2.1	3.6	2.5
140-160	3.1	1.9	.2	.2								5.4	5.0	4.0
(S) 170-190	4.2	1.2		.2								5.7	4.3	3.0
200-220	3.5	1.8	.1									5.4	4.1	4.0
230-250	2.9	1.8	.7	.1								5.5	5.2	4.0
(W) 260-280	5.9	3.9	1.2	.1								11.1	5.2	4.0
290-310	4.9	10.7	6.6	2.0	.2							24.5	8.4	8.0
320-340	2.2	4.1	2.0	.2								8.6	7.3	7.0
VARIABLE														
CALM	////////////////////											14.1	////////	
TOTALS	36.5	31.2	13.2	4.3	.3							100.0	5.5	5.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	3.5	3.4	.6	.2	.4							8.1	6.3	5.0	
020-040	1.6	2.8	1.3	.5	.1							6.4	7.6	7.0	
050-070	.2	.5	.1	.2	.1							1.2	9.8	6.0	
(E) 080-100	.7	.1	.1	.1								1.1	5.4	3.0	
110-130	.2	.7	.2									1.2	7.1	7.0	
140-160	.8	1.4	.4	.1								2.7	6.5	7.0	
(S) 170-190	2.7	1.6	.1	.1								4.6	4.7	4.0	
200-220	3.3	2.4	.4									6.0	4.8	4.0	
230-250	5.1	2.2	.5									7.8	4.4	4.0	
(W) 260-280	6.4	5.1	1.2	.2								12.8	5.4	5.0	
290-310	5.4	7.4	6.4	1.1	.1							20.4	7.7	8.0	
320-340	4.7	3.3	1.2	.5	.2							9.9	6.3	5.0	
VARIABLE															
CALM	////////////////////////////////////												17.9	////////	
TOTALS	34.6	30.9	12.5	3.0	.9							100.0	5.2	6.0	

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.3	3.5	1.4	.5	.1							8.8	6.8	6.0
020-040	2.1	2.6	1.3	.4	.0							6.4	7.1	6.0
050-070	.9	1.2	.3	.2	.1							2.8	6.9	6.0
(E) 080-100	.9	.6	.4	.1	.0	.0						2.0	6.6	5.0
110-130	.9	.8	.3	.1							2.2	6.4	6.0	
140-160	1.4	1.4	.5	.2	.0							3.5	6.7	6.0
(S) 170-190	1.6	1.0	.2	.1	.0							2.9	5.0	4.0
200-220	2.5	2.4	.4							5.3	5.1	5.0		
230-250	3.8	3.4	.9	.1							8.2	5.4	5.0	
(W) 260-280	5.1	6.2	2.8	.5	.1	.0						14.8	6.8	6.0
290-310	3.9	7.0	7.5	2.0	.5							20.9	9.1	9.0
320-340	3.1	3.8	1.9	.3	.1							9.2	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											13.1	////////////////////////////////	
TOTALS	29.5	33.9	17.9	4.5	.9							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.7	8.4	4.0	1.4	.2							20.8	7.3	6.0
020-040	7.0	8.3	3.4	1.1	.1							19.8	7.0	6.0
050-070	1.7	3.6	1.0	1.0	.4							7.6	8.5	7.0
(E) 080-100	1.8	2.2	1.9	.5	.1	.1						6.6	8.7	8.0
110-130	.8	1.1	1.4	1.0								4.3	10.0	10.0
140-160	1.3	1.2	.6	1.0	.4							4.4	9.7	8.0
(S) 170-190	1.0	.4	.7	.6	.1							2.8	9.4	11.0
200-220	.8	.5										1.3	3.8	3.0
230-250	.8	1.3	.4									2.5	5.8	5.0
(W) 260-280	1.6	.7										2.3	3.6	3.0
290-310	1.9	.4	.5		.1							2.9	5.1	4.0
320-340	4.0	4.8	2.8	.2	.1							11.9	6.7	6.0
VARIABLE														
CALM	////////////////////											12.8	////////	
TOTALS	29.4	32.9	16.7	6.8	1.5	.1						100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 833

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	3.4	1.4	.5								8.0	7.1	7.0
020-040	1.1	4.9	2.4	.2								8.6	7.8	8.0
050-070	.8	1.0	1.1	.2	.1							3.1	8.9	9.0
(E) 080-100	.3	.4	.1									.9	5.6	5.5
110-130	.9		.2	.1								1.2	5.8	3.0
140-160	2.5	.5	.5									3.5	4.8	4.0
(S) 170-190	1.4	.6	.3									2.4	4.9	4.0
200-220	3.4	1.8	.3									5.6	4.6	4.0
230-250	5.9	2.9	.4	.1								9.4	4.4	4.0
(W) 260-280	6.8	3.1	2.2	1.0	.4							13.4	6.5	4.0
290-310	5.1	5.2	4.3	.9	.1	.1						15.6	7.6	7.0
320-340	2.6	3.4	1.3	.5								7.8	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											20.5	////////////////////////////////	
TOTALS	33.4	27.2	14.5	3.5	.6	.1						100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.2	3.4	1.5	.2								7.3	6.9	6.0
020-040	2.6	3.5	2.4	.2								8.7	7.0	6.0
050-070	.6	1.1	.8	.4	.3							3.2	10.0	9.0
(E) 080-100	.2	.2	.1	.3								.9	9.9	10.5
110-130	.4	.2	.5	.1								1.3	8.3	8.5
140-160	1.4	.4	.4									2.3	5.1	4.0
(S) 170-190	1.2	.5	.2									1.9	4.4	4.0
200-220	1.8	1.5										3.3	4.4	4.0
230-250	4.6	3.3	.5	.3								8.8	5.0	4.0
(W) 260-280	6.7	3.8	1.9	.9	.3							13.5	6.3	5.0
290-310	5.7	5.6	3.5	1.4								16.2	7.3	6.0
320-340	4.4	3.2	1.7	.4								9.8	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////										22.7	////////////////////////////////		
TOTALS	31.8	26.7	13.5	4.2	.6							100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	3.7	2.5	.2								8.9	7.2	7.0
020-040	3.0	3.7	2.7	.2								9.6	7.0	7.0
050-070	.5	1.7	.5	.3	.4							3.5	9.2	8.0
(E) 080-100	.3	.1	.1	.2								.8	8.3	7.0
110-130	.4	.3	.2	.2								1.2	7.5	5.0
140-160	1.2	.4	.4	.4								2.5	7.7	5.0
(S) 170-190	1.4	.8	.3									2.5	4.8	4.0
200-220	2.0	1.8	.3									4.2	5.1	5.0
230-250	4.1	1.9	.5									6.6	4.5	4.0
(W) 260-280	6.0	5.2	3.3	.9	.5							15.9	7.1	6.0
290-310	5.1	4.2	3.9	1.5	.3							14.9	7.9	7.0
320-340	4.9	4.6	1.9	.3								11.8	6.1	5.0
VARIABLE														
CALM	////////////////////											17.6	////////	
TOTALS	31.5	28.4	16.6	4.2	1.2							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	4.2	2.2	.2								8.8	7.3	7.0
020-040	2.6	5.2	2.5	.2								10.4	7.1	7.0
050-070	1.1	2.3	1.5	.2	.3							5.4	8.9	8.5
(E) 080-100	1.3	.8	1.0	.1								3.1	7.0	6.0
110-130	1.3	1.2	.5	.2								3.2	6.6	5.0
140-160	.2	1.2	.6	.2								2.3	8.5	7.0
(S) 170-190	.4	1.5	.2	.1								2.3	6.5	6.0
200-220	1.2	2.4	.9									4.4	7.1	7.0
230-250	3.7	3.9	1.4	.2	.1							9.2	6.2	6.0
(W) 260-280	2.5	4.3	4.6	2.0	.8							14.2	10.1	10.0
290-310	1.1	3.9	5.2	4.2	.6							14.9	11.5	12.0
320-340	3.9	4.0	4.4	.2	.1							12.6	7.6	7.0
VARIABLE														
CALM	////////////////////											9.1	////////	
TOTALS	21.6	34.9	25.0	7.8	1.9							100.0	7.6	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	EAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	4.2	2.5	.1								7.7	8.1	8.0
020-040	.9	2.4	1.7	.2	.1							5.3	8.3	7.0
050-070	1.4	3.2	2.5	.2	.2							7.5	8.2	8.0
(E) 080-100	2.2	3.4	1.2	.2								7.0	6.8	6.0
110-130	1.5	7.2	.6									9.4	6.4	6.0
140-160	1.1	4.2	1.9	.4	.2							7.8	8.6	8.0
(S) 170-190	.9	1.0	.2	.1								2.2	6.1	5.5
200-220	1.0	1.6	1.3	.2								4.1	8.0	7.0
230-250	1.1	2.5	1.5	.2								5.3	7.9	7.0
(W) 260-280	1.2	5.5	6.8	1.6	.5	.1						15.7	10.4	10.0
290-310	.8	3.1	6.5	4.2	1.5	.2						16.2	12.9	13.0
320-340	1.6	3.5	3.0	.9	.1							9.1	9.1	9.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////	
TOTALS	14.7	41.8	29.7	8.3	2.6	.3						100.0	8.9	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.3	1.9	.1								5.1	8.2	8.0
020-040	2.5	2.4	1.4	.1	.1							6.5	7.1	6.0
050-070	1.4	2.6	2.2	.4								6.6	8.2	8.0
(E) 080-100	2.6	2.0	1.3									5.9	5.9	5.0
110-130	2.7	6.0	.8									9.5	6.2	6.0
140-160	1.7	7.4	3.5	.2	.3							13.2	8.1	8.0
(S) 170-190	.4	1.0	.4									1.8	7.3	8.0
200-220	.6	1.1	1.1	.1								2.9	7.4	6.0
230-250	1.2	1.6	1.0	.2								4.0	7.2	7.0
(W) 260-280	1.1	3.9	4.9	1.2	.5							11.6	10.0	10.0
290-310	.5	5.2	7.0	4.4	1.3	.1						18.5	11.9	11.0
320-340	.9	3.4	4.5	1.6	1.0	.1						11.5	11.2	10.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	16.4	38.9	30.0	8.3	3.2	.2						100.0	8.7	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.2	1.1									4.2	6.9	6.0
020-040	2.8	3.4	2.0	.1	.2							8.6	6.8	6.0
050-070	2.2	2.0	1.0	.2								5.4	6.7	6.0
(E) 080-100	1.4	1.3	.4									3.1	5.8	6.0
110-130	3.0	2.3	.1									5.4	4.3	4.0
140-160	4.9	4.2	.8	.2	.1							10.2	5.5	5.0
(S) 170-190	2.6	2.7	.6									5.9	5.5	5.0
200-220	1.3	1.5	.6	.2								3.7	6.8	6.0
230-250	1.3	1.4	.5		.1							3.3	6.2	5.0
(W) 260-280	2.2	3.2	1.9	1.0	.2							8.5	8.7	8.0
290-310	3.4	6.3	5.1	1.2	.9							16.9	8.9	8.0
320-340	1.5	4.4	4.0	1.2	.2							11.3	9.2	9.0
VARIABLE														
CALM	////////////////////////////////////											13.5	////////	
TOTALS	27.6	34.9	18.1	4.1	1.7							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.5	2.4									6.7	7.0	7.0
020-040	1.9	3.5	2.2	.4								8.1	7.4	7.0
050-070	1.1	.9	.6	.3								2.9	7.3	8.0
(E) 080-100	.6	1.1	.6									2.4	7.1	7.5
110-130	.6	.5	.2									1.4	5.5	6.0
140-160	3.0	1.7	.6	.1								5.5	5.3	4.0
(S) 170-190	3.7	.6	.8									5.1	4.5	4.0
200-220	3.1	2.7	.8									6.6	5.3	5.0
230-250	3.8	1.6	.8									6.1	4.8	4.0
(W) 260-280	4.5	3.0	1.8	.4	.3							10.1	6.7	5.0
290-310	3.1	6.7	4.3	1.1	.5							15.7	8.5	8.0
320-340	4.1	5.4	2.0	.8								12.3	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											17.3	////////	
TOTALS	31.3	30.2	17.1	3.1	.8							100.0	5.5	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.2	1.9	.2								7.1	7.4	7.0
020-040	2.2	3.6	2.2	.2	.1							8.2	7.3	7.0
050-070	1.1	1.8	1.3	.3	.2							4.7	8.3	8.0
(E) 080-100	1.1	1.2	.6	.1								3.0	6.6	6.0
110-130	1.4	2.2	.4	.1								4.1	6.1	6.0
140-160	2.0	2.5	1.1	.2	.1							5.9	6.9	6.0
(S) 170-190	1.5	1.1	.4	.0								3.0	5.3	5.0
200-220	1.8	1.8	.7	.1								4.3	5.9	5.0
230-250	3.2	2.4	.8	.1	.0							6.6	5.6	5.0
(W) 260-280	3.9	4.0	3.4	1.1	.5	.0						12.9	8.2	8.0
290-310	3.1	5.0	5.0	2.4	.7	.1						16.1	9.6	9.0
320-340	3.0	4.0	2.9	.7	.2	.0						10.8	7.8	7.0
VARIABLE														
CALM	////////////////////////////////////											13.3	////////////////////////////////	
TOTALS	26.1	32.8	20.7	5.5	1.8	.1						100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	9.0	4.9	.5								17.6	7.7	7.0
020-040	4.8	11.3	8.9	1.0	.1							26.0	8.1	8.0
050-070	2.0	5.3	3.7	.4	.8							12.2	8.9	8.0
(E) 080-100	1.6	1.4	2.0	.8								5.8	8.9	9.0
110-130	.7	1.4	1.1	.6								3.7	9.0	8.0
140-160	1.1	1.9	1.5	1.0	.6							6.1	10.4	9.5
(S) 170-190	.9	1.1	1.1	.2								3.2	7.9	8.5
200-220	1.0	.3	.4									1.6	5.7	4.0
230-250	.8	.4										1.1	4.2	4.0
(W) 260-280	1.4	.3		.3								2.0	5.3	4.0
290-310	1.5	.6	.2	.1								2.4	4.6	4.0
320-340	3.2	4.8	1.4	.2								9.6	6.2	6.0
VARIABLE														
CALM	////////////////////											8.5	////////	
TOTALS	22.2	37.8	25.2	5.1	1.5							100.0	7.2	8.0

TOTAL NUMBER OF OBSERVATIONS 1047

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	2.9	1.3									7.1	5.8	5.0
020-040	3.8	2.4	1.9	.1								8.2	6.0	5.0
050-070	1.8	2.1	1.0	1.0	.1							6.0	8.1	6.5
(E) 080-100	.8	1.2	.6									2.6	6.7	7.0
110-130	1.8	.9	.2									2.9	4.8	4.0
140-160	3.0	1.6	.4	.1								5.1	5.2	4.0
(S) 170-190	2.0	.3	.2									2.6	4.0	3.0
200-220	2.8	2.3	.1	.2								5.4	5.2	4.0
230-250	3.8	1.9	.8	.2								6.7	5.2	4.0
(W) 260-280	5.9	7.0	.7	.3								13.9	5.3	5.0
290-310	3.8	4.3	2.0	.6	.1							10.8	6.6	6.0
320-340	4.2	3.7	.8	.1								8.8	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											20.0	////////	
TOTALS	36.6	30.6	10.0	2.6	.2							100.0	4.6	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LS1 TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.3	.8	.3								7.1	5.9	5.0
020-040	3.7	4.4	2.7	.1	.1							11.0	6.8	6.0
050-070	2.1	2.1	1.1	.2	.2							5.8	7.3	7.0
(E) 080-100	.8	.9	.6									2.2	6.7	6.0
110-130	1.9	1.4	.6	.1								4.0	5.7	5.0
140-160	2.0	.7	.2	.1								3.0	4.7	4.0
(S) 170-190	1.7	.2										1.9	3.1	3.0
200-220	2.8	2.0	.3									5.1	4.7	4.0
230-250	4.0	2.8	.7									7.4	5.0	4.0
(W) 260-280	6.3	5.6	.4	.3								12.7	5.1	4.5
290-310	4.1	4.7	1.8	1.2	.1							11.9	7.1	6.0
320-340	4.3	3.3	.4	.1								8.2	4.8	4.0
VARIABLE														
CALM	////////////////////											19.7	////////	
TOTALS	36.4	31.4	9.6	2.4	.4							100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	4.0	1.3	.2								7.7	6.6	6.0
020-040	3.2	4.6	3.4	.1	.1							11.4	7.1	7.0
050-070	2.0	2.9	2.8	.3	.1							8.1	8.1	8.0
(E) 080-100	.8	1.6	.4									2.8	6.6	6.0
110-130	.3	1.8	.7	.2	.1							3.1	8.3	7.5
140-160	2.2	.4	.3									3.0	4.4	4.0
(S) 170-190	1.6	.4										2.0	3.6	3.0
200-220	2.4	1.9	.7									5.0	5.7	5.0
230-250	4.1	3.7	.6									8.3	4.9	5.0
(W) 260-280	4.0	5.6	2.3	.3								12.2	6.8	6.0
290-310	2.9	4.1	3.7	1.4	.3	.1						12.6	8.9	8.0
320-340	3.0	3.6	2.0	.4								9.0	6.9	7.0
VARIABLE														
CALM	////////////////////////////////////											14.8	////////	
TOTALS	28.6	34.6	18.2	2.9	.6	.1						100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.6	2.1	.2								6.9	7.4	7.0
020-040	1.1	3.3	3.1	.4	.1							8.1	9.1	9.0
050-070	1.8	4.8	2.7	1.0	.2							10.4	8.3	8.0
(E) 080-100	1.9	4.4	1.9	.1								8.3	7.3	7.0
110-130	1.1	3.2	1.6	.1								6.0	7.4	7.0
140-160	1.3	2.2	1.4	.2	.1							5.3	7.8	7.0
(S) 170-190	1.0	.7		.1								1.8	5.1	4.0
200-220	1.7	3.1	1.1	.1								6.0	6.8	6.5
230-250	3.1	2.9	.9	.4								7.3	6.1	5.0
(W) 260-280	1.8	6.2	3.4	.7								12.1	8.1	7.0
290-310	1.0	2.7	5.8	3.0	1.0							13.4	11.8	12.0
320-340	1.8	2.7	3.0	.7	.1	.1						8.3	9.2	9.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////////////////////////////	
TOTALS	19.6	38.8	27.0	7.0	1.5	.1						100.0	7.9	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.0	2.2	.1								4.7	9.0	9.5
020-040	.9	2.4	2.8	.6								6.7	9.3	9.5
050-070	1.0	2.0	2.1	.9	.2							6.2	9.5	10.0
(E) 080-100	.7	6.3	3.2	.3	.2							10.8	8.6	8.0
110-130	2.6	12.0	2.9	.4								17.9	7.5	8.0
140-160	1.1	5.4	2.7	.4								9.7	8.4	8.0
(S) 170-190	.6	1.4	.7									2.7	7.0	6.5
200-220	.8	1.9	1.6	.6								4.8	8.8	8.0
230-250	1.1	3.7	1.4	.2								6.4	7.4	7.0
(W) 260-280	.7	3.3	4.7	.6	.1							9.3	9.8	10.0
290-310	.2	1.9	5.8	3.6	.8							12.2	12.9	13.0
320-340	.4	2.6	2.9	1.0	.6							7.4	11.0	11.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////	
TOTALS	10.4	44.9	33.0	8.7	1.9							100.0	9.1	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	2.0	1.6	.1								4.2	8.4	8.0
020-040	1.0	1.7	1.9	.3								4.9	8.9	8.0
050-070	1.4	3.2	1.6	.6	.1							6.9	8.0	8.0
(E) 080-100	1.9	4.4	2.2	.3	.2							9.1	7.8	7.0
110-130	3.3	11.2	2.7	.1								17.3	7.1	7.0
140-160	2.3	8.1	6.2	.7								17.3	8.4	8.0
(S) 170-190	.9	1.3	.6	.1								2.9	6.8	6.0
200-220	.6	1.6	.9									3.0	7.5	8.0
230-250	.6	2.1	1.7									4.3	8.0	8.0
(W) 260-280	.7	3.3	4.3	.3								8.7	9.2	10.0
290-310	.4	2.1	5.9	1.4	.6							10.4	11.7	12.0
320-340	.4	2.3	2.8	2.1	.7							8.3	12.2	12.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	14.1	43.3	32.4	6.0	1.6							100.0	8.5	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.7	.9	.4								4.8	8.3	7.0
020-040	1.2	3.1	2.1	.1								6.6	7.9	8.0
050-070	2.9	2.6	.9	.8	.1							7.2	7.0	5.0
(E) 080-100	3.0	2.1	1.1									6.2	5.4	5.0
110-130	4.1	4.4	.9	.2	.3							10.0	6.3	5.0
140-160	8.7	6.2	.9									15.8	4.8	4.0
(S) 170-190	3.2	2.3	.3									5.9	4.8	4.0
200-220	2.1	1.4	.4	.3								4.3	5.6	5.0
230-250	2.0	1.7	.3									4.0	5.0	4.5
(W) 260-280	2.0	2.0	1.7	.1								5.8	6.8	6.0
290-310	2.7	5.4	3.3	.4	.3	.1						12.3	8.3	8.0
320-340	1.2	2.9	1.3	1.2	.1							6.8	9.1	8.0
VARIABLE														
CALM	////////////////////											10.3	////////	
TOTALS	33.9	36.8	14.1	3.5	.8	.1						100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	2.0	.9	.1								5.1	6.2	6.0
020-040	3.1	3.1	1.3	.3								7.9	6.4	6.0
050-070	2.3	1.1	.8	.7								4.9	7.0	5.0
(E) 080-100	1.1	.9	.9									2.9	6.7	8.0
110-130	2.6	1.3	1.1									5.0	5.8	4.0
140-160	4.3	1.8	.7	.1								6.9	4.9	4.0
(S) 170-190	3.2	.6	.3		.1							4.2	4.2	4.0
200-220	2.1	1.6	.9	.1								4.7	5.9	5.0
230-250	3.6	2.2	.4									6.2	4.5	4.0
(W) 260-280	4.8	4.6	1.4									10.8	5.8	5.0
290-310	4.0	4.8	1.0	.6								10.3	6.2	6.0
320-340	1.9	3.6	2.4	.7	.2							8.8	8.4	8.0
VARIABLE														
CALM	////////////////////											22.3	////////	
TOTALS	35.1	27.6	12.1	2.6	.3							100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.7	2.7	1.4	.2								5.9	7.0	6.0
020-040	2.3	3.1	2.4	.3	.0							8.1	7.5	7.0
050-070	1.9	2.6	1.6	.7	.1							6.9	8.0	7.0
(E) 080-100	1.4	2.7	1.4	.1	.1							5.6	7.3	7.0
110-130	2.2	4.5	1.3	.2	.1							8.3	6.9	7.0
140-160	3.1	3.3	1.6	.2	.0							8.3	6.5	6.0
(S) 170-190	1.8	.9	.3	.0	.0							3.0	4.9	4.0
200-220	1.9	2.0	.8	.2								4.8	6.2	5.0
230-250	2.8	2.6	.8	.1								6.3	5.7	5.0
(W) 260-280	3.3	4.7	2.4	.3	.0							10.7	6.9	6.0
290-310	2.4	3.8	3.7	1.5	.4	.0						11.7	9.3	9.0
320-340	2.2	3.1	2.0	.8	.2	.0						8.2	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											12.1	////////	
TOTALS	27.0	36.0	19.7	4.6	.9							100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.9	4.7	2.7	.3							10.5	7.0	6.0
020-040	4.5	7.3	8.0	1.1	.2						21.1	8.6	8.0
050-070	4.5	6.8	6.3	2.5	.5						20.6	9.0	8.0
(E) 080-100	2.0	3.8	2.7	.5	.1						9.0	7.8	7.0
110-130	2.0	4.6	2.0	.4	.3						9.3	7.8	7.0
140-160	2.2	2.4	1.7	.3	.1						6.7	7.3	6.0
(S) 170-190	1.0	.2	.2								1.4	4.3	3.0
200-220	1.6	.7	.2								2.5	4.4	4.0
230-250	1.1	.8									1.9	4.0	4.0
(W) 260-280	.8	1.0	.2								2.0	5.5	5.5
290-310	1.0	.8	.8	.5	.1						3.2	8.5	6.0
320-340	1.1	2.1	1.4	.2							4.8	7.5	7.0
VARIABLE													
CALM	////////////////////////////////////										7.0	////////////////////////////////	
TOTALS	24.7	35.2	26.2	5.8	1.3						100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 1319													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	1.8										5.8	3.6	4.0
020-040	3.9	2.5	.8	.1								7.2	5.2	4.0
050-070	1.9	1.5	.8									4.2	5.7	5.0
(E) 080-100	1.3	.8										2.0	3.8	4.0
110-130	1.4	1.0	.2									2.6	4.5	4.0
140-160	3.7	1.4										5.1	3.6	4.0
(S) 170-190	2.6	.6	.2									3.4	3.6	2.0
200-220	4.8	3.0	.1									8.0	4.1	4.0
230-250	4.8	2.8	.1									7.7	4.2	4.0
(W) 260-280	6.5	3.8	.6									10.9	4.3	4.0
290-310	4.7	1.8	.3									6.9	3.9	3.0
320-340	4.2	2.5	.2									6.9	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											29.4	////////////////////////////////	
TOTALS	43.8	23.5	3.3	.1								100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	1.5	.4									6.3	4.0	4.0
020-040	2.9	2.7	.9									6.5	5.6	5.0
050-070	3.2	2.3	1.4									6.9	5.9	5.0
(E) 080-100	1.5	.4										1.9	3.5	3.0
110-130	1.6	.2	.1									1.9	3.6	3.0
140-160	3.4	1.5	.4									5.4	4.6	4.0
(S) 170-190	2.9	.6										3.5	3.3	3.0
200-220	3.8	2.0	.3									6.1	4.2	4.0
230-250	4.3	2.5	.5									7.3	4.3	4.0
(W) 260-280	7.4	3.0	.5									11.0	4.2	4.0
290-310	6.1	1.7	.6	.1								8.6	4.3	3.5
320-340	4.8	1.8	.1									6.8	3.7	4.0
VARIABLE														
CALM	////////////////////////////////////											27.7	////////////////////////////////	
TOTALS	46.3	20.2	5.2	.1								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 720055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	50-64	GE 65			
(N) 350-010	3.0	2.7	.8	.1								6.6	5.6	5.0
020-040	3.8	5.3	1.6	.1								10.8	6.0	6.0
050-070	3.2	3.3	1.8	.2								8.6	6.6	5.5
(E) 080-100	2.6	1.2	.2									4.0	4.2	3.0
110-130	2.2	1.0										3.1	3.4	3.0
140-160	1.9	1.4	.1	.2								3.7	5.4	4.0
(S) 170-190	2.9	1.3	.1									4.3	3.8	3.0
200-220	3.1	2.2	.6									5.9	5.0	4.0
230-250	4.3	3.2	.6									8.2	4.7	4.0
(W) 260-280	5.8	6.3	1.4	.1								13.7	5.6	5.0
290-310	3.2	2.2	1.4	.2	.1							7.1	6.4	5.0
320-340	3.5	2.3	1.1									6.9	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											17.3	////////////////////////////////	
TOTALS	39.5	32.4	9.7	.9	.1							100.0	4.5	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.5	1.4	.2								4.8	8.1	7.0
020-040	2.5	4.0	2.0	.4								8.9	7.2	7.0
050-070	3.0	5.3	1.9	.4								10.6	7.0	7.0
(E) 080-100	4.1	4.5	1.1									9.7	5.6	5.0
110-130	3.5	5.8	.4									9.8	5.5	5.0
140-160	2.2	3.4	1.5	.2	.1							7.4	7.1	6.0
(S) 170-190	1.3	1.8	.3									3.4	5.4	5.5
200-220	2.2	1.8	1.4	.2								5.6	6.7	6.0
230-250	4.6	3.5	1.3	.2								9.7	5.5	5.0
(W) 260-280	1.8	6.7	3.5	.6								12.7	8.1	8.0
290-310	1.5	2.0	3.0	1.0								7.5	9.2	10.0
320-340	1.4	.9	1.6	.8	.3							4.9	9.7	10.0
VARIABLE														
CALM	////////////////////											4.8	////////	
TOTALS	28.9	42.2	19.4	4.0	.4							100.0	6.7	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.8	.4	.1								2.2	6.8	5.0
020-040	1.0	3.5	1.2	.4								6.1	7.8	7.0
050-070	2.0	4.3	1.4	.1								7.8	6.9	7.0
(E) 080-100	2.4	6.9	2.0									11.3	6.6	6.0
110-130	3.0	12.8	4.0									19.8	7.2	7.0
140-160	1.3	9.2	5.9	.9								17.3	8.7	8.0
(S) 170-190	.3	1.5	1.0	.2								3.0	8.5	8.0
200-220	.9	1.3	.9	.1	.1							3.2	8.0	8.0
230-250	1.2	2.2	1.3	.1	.1							4.8	7.8	7.0
(W) 260-280	1.2	3.1	3.2	1.0	.1							8.6	9.5	9.5
290-310	.4	3.2	3.3	1.9								8.9	10.8	10.0
320-340	.4	1.1	3.0	.5	.2							5.3	11.1	12.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////	
TOTALS	15.0	49.9	27.6	5.3	.5							100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.5	.4									2.2	7.4	8.0
020-040	.9	1.8	.6	.2	.1							3.7	7.6	6.0
050-070	2.3	5.1	1.0									8.3	6.2	6.0
(E) 080-100	3.5	5.2	.5									9.2	5.7	5.0
110-130	3.4	10.2	1.9									15.6	6.5	6.0
140-160	2.9	14.7	7.0	.5								25.2	8.1	8.0
(S) 170-190	1.1	2.6	1.5									5.2	7.6	8.0
200-220	.6	1.2	1.1									2.9	7.6	6.0
230-250	.2	2.9	.3		.2							3.7	7.8	7.0
(W) 260-280	.9	2.9	2.5	.4	.1							6.8	8.9	8.0
290-310	.3	3.3	3.9	.9								8.4	10.1	10.0
320-340	.6	1.7	2.3	1.9								6.6	11.1	12.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	16.9	53.1	23.0	3.9	.4							100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	1.2	.4									2.8	5.3	5.0
020-040	2.8	2.9	.9									6.6	5.6	5.0
050-070	3.9	3.7	.2									7.7	4.6	4.5
(E) 080-100	3.0	2.2	.1									5.3	4.4	4.0
110-130	6.0	3.3	.1									9.5	4.4	4.0
140-160	10.3	11.8	.8									22.9	4.9	5.0
(S) 170-190	2.9	3.5	.9									7.3	5.8	6.0
200-220	1.7	2.7	1.0									5.4	6.1	5.0
230-250	1.9	1.1		.1								3.1	4.6	4.0
(W) 260-280	2.3	1.7	1.1	.5								5.6	6.9	5.5
290-310	1.6	2.9	1.0	.2								5.7	6.7	6.0
320-340	1.1	3.2	2.7	.1								7.1	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////											11.1	////////	
TOTALS	38.7	40.2	9.2	.9								100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.8	.1									4.8	4.3	4.0
020-040	4.3	1.9	.3	.3								6.9	5.1	4.0
050-070	2.6	1.8	.2									4.6	4.6	4.0
(E) 080-100	2.4	.6										3.0	3.4	3.0
110-130	3.8	1.3										5.1	3.5	3.0
140-160	6.0	2.4										8.4	3.5	3.0
(S) 170-190	4.5	2.3	.2									7.0	4.1	3.0
200-220	4.2	3.2	.6									8.1	4.7	4.0
230-250	4.3	2.0	.4									6.8	4.3	4.0
(W) 260-280	5.2	2.0	.5									7.7	4.6	4.0
290-310	3.2	3.4	.6									7.3	5.0	5.0
320-340	2.0	3.8	.4									6.2	5.7	6.0
VARIABLE														
CALM	////////////////////////////////////											24.1	////////	
TOTALS	45.4	26.5	3.3	.3								100.0	3.4	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		2.2	1.7	.5	.1								4.4	5.3	5.0
020-040		2.7	3.1	1.0	.2	.0							7.1	6.2	6.0
050-070		2.8	3.4	1.1	.1								7.4	6.1	6.0
(E) 080-100		2.6	2.7	.5									5.8	5.3	5.0
110-130		3.1	4.4	.8									8.4	5.7	6.0
140-160		4.0	5.7	2.0	.2	.0							11.9	6.4	6.0
(S) 170-190		2.3	1.8	.5	.0								4.7	5.2	5.0
200-220		2.7	2.2	.8	.0	.0							5.6	5.4	5.0
230-250		3.2	2.5	.6	.1	.0							6.4	5.2	4.0
(W) 260-280		3.9	3.7	1.7	.3	.0							9.6	6.3	5.0
290-310		2.6	2.6	1.8	.5	.0							7.6	7.2	6.0
320-340		2.3	2.2	1.4	.4	.1							6.3	7.2	6.0
VARIABLE															
CALM		////////////////////////////////////										14.8	////////		
TOTALS		34.4	36.0	12.7	1.9	.1							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	2.2	.7									6.9	4.6	4.0
020-040	6.5	9.9	3.4	1.0	.1							20.9	6.9	6.0
050-070	8.0	11.5	3.6	.5								23.6	6.3	6.0
(E) 080-100	6.5	3.3	.6									10.3	4.5	4.0
110-130	4.4	2.9	.5									7.8	4.6	4.0
140-160	3.0	2.5	.3	.2	.1							6.1	5.5	5.0
(S) 170-190	1.3	.7										2.1	4.1	4.0
200-220	.9	.3										1.2	3.2	3.0
230-250	1.4	.2	.2									1.7	3.8	3.0
(W) 260-280	1.2	.9										2.2	4.1	4.0
290-310	1.8	.6	.2									2.6	3.8	3.0
320-340	1.9	1.4	.1									3.4	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											11.3	////////	
TOTALS	41.0	36.4	9.6	1.7	.2							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 1208

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.4	.1									4.2	4.1	4.0
020-040	2.4	1.6	.7									4.7	5.4	4.0
050-070	2.0	.6	.4									3.0	4.6	3.0
(E) 080-100	2.2	.6		.3								3.1	4.9	4.0
110-130	1.0	.8										1.8	4.4	4.0
140-160	1.2	.6										1.8	3.5	3.0
(S) 170-190	1.9	.2										2.1	3.0	3.0
200-220	4.9	1.7	.1									6.7	3.8	4.0
230-250	8.1	4.3	.2									12.7	4.1	4.0
(W) 260-280	7.3	6.3	.9									14.6	4.9	4.0
290-310	4.7	3.6	1.1	.1								9.4	5.3	5.0
320-340	4.9	2.4	.3									7.7	4.2	3.0
VARIABLE														
CALM	////////////////////////////////////											28.3	////////	
TOTALS	43.3	24.1	3.8	.4								100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.7	.4	.1								4.4	5.2	4.5
020-040	2.3	1.0	.8									4.1	5.6	4.0
050-070	2.0	2.2	.7									4.9	5.6	6.0
(E) 080-100	1.8	.6										2.3	3.4	3.0
110-130	1.0	.3										1.3	3.1	3.0
140-160	2.1	.8										2.9	3.4	2.0
(S) 170-190	2.6	.6										3.1	3.1	3.0
200-220	3.7	1.6										5.2	3.9	4.0
230-250	6.3	3.8										10.1	4.2	4.0
(W) 260-280	10.2	5.9	.7									16.8	4.3	4.0
290-310	8.3	3.1	1.0									12.4	4.6	4.0
320-340	3.7	1.9	.1									5.7	4.2	4.0
VARIABLE														
CALM	////////////////////											26.7	////////	
TOTALS	46.2	23.5	3.7	.1								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.7	.9	.9	.3								5.8	6.1	5.0
020-040	2.8	3.0	1.3	.1								7.2	6.0	6.0
050-070	2.6	2.9	.4	.1								6.0	5.4	6.0
(E) 080-100	2.1	1.1										3.2	4.4	4.0
110-130	2.0	.3										2.3	3.9	4.0
140-160	1.6	.9										2.4	3.9	4.0
(S) 170-190	2.0	.9										2.9	3.9	4.0
200-220	3.3	2.2										5.6	4.3	4.0
230-250	6.6	3.6	.1									10.2	3.9	4.0
(W) 260-280	10.7	8.1	1.4	.1								20.3	5.0	4.0
290-310	4.8	4.0	2.9	.6								12.2	6.5	5.0
320-340	3.9	3.3	.8									8.0	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////										13.8	////////		
TOTALS	45.1	32.2	7.8	1.2								100.0	4.4	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	2.7	.8									4.7	6.8	7.0
020-040	1.7	2.9	1.1	.1								5.8	6.9	7.0
050-070	1.9	3.6	1.1	.1								6.7	6.8	6.0
(E) 080-100	2.1	3.6	.4									6.1	5.7	6.0
110-130	2.4	3.4	.4									6.3	5.6	5.0
140-160	2.8	2.4	.6									5.8	4.9	5.0
(S) 170-190	2.2	1.2	.3									3.8	4.6	4.0
200-220	2.1	3.7	.8									6.6	6.0	6.0
230-250	4.8	6.3	.7									11.8	5.2	5.0
(W) 260-280	4.7	8.6	3.9	.1								17.2	6.7	6.0
290-310	2.0	4.3	4.6	1.6	.1							12.6	9.4	9.0
320-340	2.0	2.8	2.4	.6								7.8	7.9	8.0
VARIABLE														
CALM	////////////////////											5.0	////////	
TOTALS	29.9	45.5	17.1	2.5	.1							100.0	6.3	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.4	1.4	.7									2.6	7.3	8.0
020-040	1.0	1.	1.3	.1								3.9	7.8	8.0
050-070	1.1	4.3	.4	.1								6.0	6.8	7.0
(E) 080-100	1.8	4.6	.8									7.1	6.4	6.0
110-130	3.7	7.3	1.0									12.0	6.1	6.0
140-160	2.8	8.3	3.8	.1								15.0	7.4	8.0
(S) 170-190	1.2	2.6	1.0									4.8	6.4	6.0
200-220	.9	2.7	1.2	.2								5.0	7.3	7.0
230-250	1.9	4.2	1.7									7.8	6.8	6.0
(W) 260-280	2.0	9.0	5.8	.4								17.2	8.0	8.0
290-310	1.1	4.7	4.4	1.2	.2							11.7	9.7	10.0
320-340	.6	1.9	2.0	1.0	.1							5.6	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////										1.4	////////////////////////////////		
TOTALS	18.5	52.4	24.1	3.1	.3							100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.6	.7									1.7	7.7	8.0
020-040	1.4	1.1	1.1									3.7	6.6	6.0
050-070	1.2	3.2	.6									5.0	6.8	7.0
(E) 080-100	3.1	2.7	1.0									6.8	5.7	5.0
110-130	3.2	7.9	1.3									12.4	6.2	6.0
140-160	2.7	13.1	4.1	.1								20.0	7.4	7.0
(S) 170-190	1.1	4.6	.8									6.4	6.6	6.0
200-220	.9	1.8	.6	.1								3.3	6.7	6.0
230-250	2.1	5.3	1.0									8.4	6.2	6.0
(W) 260-280	2.0	6.1	3.0									11.1	7.3	7.0
290-310	1.6	4.9	4.7	1.1								12.2	9.0	9.0
320-340	.8	2.9	2.6	.6								6.8	9.0	8.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////////////////////////////	
TOTALS	20.5	54.2	21.5	1.9								100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.0	.2									2.9	4.6	4.0
020-040	1.1	2.3	.3									3.8	5.8	5.0
050-070	1.8	2.9	.6									5.2	5.7	5.0
(E) 080-100	2.6	2.2	.7									5.5	5.4	5.0
110-130	4.1	3.2	.1									7.5	4.4	4.0
140-160	8.7	8.4	.6									17.6	4.8	5.0
(S) 170-190	4.2	4.1	.1									8.5	4.8	4.5
200-220	4.0	2.2	.3									6.6	4.6	4.0
230-250	4.0	2.8	.2									7.0	4.4	4.0
(W) 260-280	3.9	2.6	1.0									7.5	5.2	4.0
290-310	3.9	4.6	2.6	.2								11.2	6.4	6.0
320-340	1.6	2.4	2.3	.4								6.8	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											10.0	////////	
TOTALS	41.6	38.7	9.0	.6								100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 898														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.3	.4									3.5	4.9	5.0
020-040	2.3	1.4	.3									4.1	4.5	4.0
050-070	2.0	1.6	.7	.1								4.3	5.9	5.0
(E) 080-100	1.9	.9		.2								3.0	4.6	4.0
110-130	2.0	1.3										3.3	3.9	4.0
140-160	4.2	1.2	.1									5.6	3.8	4.0
(S) 170-190	5.4	1.0										6.4	3.2	3.0
200-220	6.0	3.2	.2									9.5	4.2	4.0
230-250	6.1	3.0	.1									9.3	4.1	4.0
(W) 260-280	5.9	4.7	.7									11.3	5.0	4.0
290-310	4.7	3.1	1.0	.2								9.0	5.4	4.0
320-340	2.9	1.9	.7		.1							5.6	5.1	4.0
VARIABLE														
CALM	////////////////////											25.2	////////	
TOTALS	45.1	24.6	4.2	.5	.1							100.0	3.4	4.0
TOTAL NUMBER OF OBSERVATIONS 897														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.5	.5	.1								3.7	5.7	5.0
020-040	1.9	1.8	.9	.0								4.7	6.1	5.0
050-070	1.8	2.7	.6	.1								5.1	6.0	6.0
(E) 080-100	2.2	2.0	.4	.1								4.6	5.4	5.0
110-130	2.4	3.1	.4									5.9	5.4	5.0
140-160	3.3	4.5	1.1	.0								8.9	5.9	6.0
(S) 170-190	2.6	1.9	.3									4.7	4.7	4.0
200-220	3.2	2.4	.4	.0								6.0	4.9	4.0
230-250	5.0	4.2	.5									9.7	4.8	4.0
(W) 260-280	5.8	6.4	2.2	.1								14.5	5.8	5.0
290-310	3.9	4.0	2.8	.6	.0							11.4	7.1	7.0
320-340	2.5	2.4	1.4	.3	.0							6.7	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											14.1	////////////////////////////////	
TOTALS	36.2	36.9	11.5	1.3								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	4.5	4.6	1.5	.4							11.1	6.1	5.0
020-040	5.5	6.4	2.3	.2							14.3	6.2	6.0
050-070	5.0	8.0	2.1	.1							15.2	6.2	6.0
(E) 080-100	6.7	3.4	.6	.5							11.2	4.9	4.0
110-130	5.5	3.3	.6								9.4	4.7	4.0
140-160	4.0	4.3	.6								8.9	5.3	5.0
(S) 170-190	2.1	.7	.2								3.0	3.8	4.0
200-220	1.5	1.7	.2								3.5	5.2	5.0
230-250	2.0	.8									2.8	3.5	3.0
(W) 260-280	.9	.8									1.7	4.2	4.0
290-310	.9	.8	.1								1.8	4.3	4.0
320-340	1.8	1.9	.4								4.1	5.5	5.0
VARIABLE													
ALM	////////////////////////////////////										13.1	////////////////////////////////	
TOTALS	40.4	36.7	8.6	1.2							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 1100

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 50-010	1.6	.8										2.4	3.8	4.0
020-040	1.2	.9										2.0	4.0	4.0
050-070	1.6	.3										1.9	3.3	2.0
(E) 080-100	1.4											1.4	2.2	2.0
110-130	2.2	.3	.1									2.6	3.3	3.0
140-160	1.8	.4	.1									2.4	3.5	2.5
(S) 170-190	3.3	.2										3.5	2.4	2.0
200-220	5.1	2.4	.2									7.6	4.2	4.0
230-250	8.3	2.9										11.2	3.5	3.0
(W) 260-280	11.5	4.2										15.7	3.8	4.0
290-310	7.0	2.9	.1									10.0	3.9	3.0
320-340	5.2	1.0										6.1	2.9	2.0
VARIABLE														
CALM	////////////////////											33.1	////////	
TOTALS	50.2	16.3	.5									100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.3										3.4	4.1	4.0
020-040	1.7	.3										2.0	3.3	3.0
050-070	1.5	.8										2.3	3.7	3.0
(E) 080-100	.5											.5	2.0	2.0
110-130	.9	.8										1.6	4.3	4.0
140-160	2.8	.2										3.0	3.0	2.0
(S) 170-190	2.3	.6										2.9	3.8	4.0
00-220	4.9	1.7	.1									6.8	3.7	3.0
230-250	8.4	2.6	.1									11.1	3.6	4.0
(W) 260-280	12.3	4.9	.1									17.3	3.7	4.0
290-310	8.4	2.9	.2									11.5	3.7	3.0
320-340	4.2	.9										5.1	3.1	3.0
VARIABLE														
CALM	////////////////////											32.5	////////	
TOTALS	50.1	17.0	.5									100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.6										4.7	4.8	5.0
020-040	2.6	1.1										3.7	4.1	4.0
050-070	1.7	1.0	.2									2.9	4.5	4.0
(E) 080-100	1.5	.8										2.3	4.0	4.0
110-130	1.5	.3										1.8	3.0	3.0
140-160	1.6	.4										2.0	2.8	2.0
(S) 170-190	2.9	1.0	.1									4.0	3.7	3.0
200-220	4.9	1.9	.1									7.0	3.9	4.0
230-250	9.2	4.7	.1									14.1	4.1	4.0
(W) 260-280	11.6	7.0	.4									19.0	4.3	4.0
290-310	6.6	4.5	1.8	.1								13.0	5.3	4.0
320-340	4.5	1.9	.4									6.9	4.3	4.0
VARIABLE														
CALM	////////////////////											18.6	////////	
TOTALS	50.8	27.2	3.1	.1								100.0	3.5	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.7	.4									3.7	5.7	5.0
020-040	1.2	1.7	.5	.1								3.5	5.8	5.0
050-070	2.5	2.2	.1									4.7	4.6	4.0
(E) 080-100	3.1	1.8										4.9	4.2	4.0
110-130	2.3	2.0	.1									4.4	4.9	4.0
140-160	2.8	2.7	.5									6.0	5.1	5.0
(S) 170-190	2.3	1.2	.1									3.5	4.3	4.0
200-220	4.4	3.4	.9									8.7	4.9	4.0
230-250	6.5	8.3	.5									15.3	4.9	5.0
(W) 260-280	5.8	8.9	2.0									16.8	6.1	6.0
290-310	3.4	5.5	3.5	.4								12.9	7.4	7.0
320-340	1.7	3.3	2.8	.3								8.2	7.8	8.0
VARIABLE														
CALM	////////////////////											7.3	////////	
TOTALS	37.5	42.7	11.4	.8								100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.1	.3									2.2	5.5	6.0
020-040	.8	.5	.8									2.0	7.2	6.0
050-070	2.0	1.2										3.2	4.5	4.0
(E) 080-100	1.5	4.3	.1									5.9	5.9	6.0
110-130	3.8	8.3	.8									12.8	5.9	6.0
140-160	2.6	8.8	2.2	.1								13.7	6.8	6.0
(S) 170-190	.8	2.5	1.0									4.2	6.8	6.0
200-220	2.5	4.5	.8									7.7	6.1	6.0
230-250	3.1	7.7	1.0									11.8	6.2	6.0
(W) 260-280	3.4	9.0	3.8									16.2	6.9	7.0
290-310	1.1	4.1	4.7	.6								10.5	9.1	10.0
320-340	1.9	2.8	2.4	.5								7.6	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	24.3	54.8	17.9	1.2								100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.9	.6									2.0	7.6	8.0
020-040	.9	.8	.4									2.0	6.5	6.0
050-070	1.1	1.2	.1									2.4	5.3	5.0
(E) 080-100	2.3	3.5										5.8	5.0	5.0
110-130	3.8	9.1	.4									13.3	5.7	6.0
140-160	4.8	14.1	2.4	.1								21.4	6.4	6.0
(S) 170-190	2.7	4.9	1.0									8.6	5.9	6.0
200-220	2.7	4.6	1.2	.2								8.7	6.5	6.0
230-250	3.1	3.4	1.3	.1								8.0	5.9	5.5
(W) 260-280	3.4	4.6	2.0									10.1	6.5	6.0
290-310	1.1	5.1	4.0	.3	.1							10.5	8.6	8.0
320-340	.3	2.4	1.6	.5								4.8	9.3	9.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	26.7	54.6	15.0	1.2	.1							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.0	.3									2.0	5.6	5.0
020-040	.6	.9	.3	.1								1.9	6.5	6.5
050-070	1.7	.9	.2									2.8	4.3	3.5
(E) 080-100	2.8	1.4										4.2	3.8	4.0
110-130	5.1	2.6	.1									7.7	3.9	4.0
140-160	12.0	6.9	.2									19.1	4.3	4.0
(S) 170-190	8.1	5.3	.1									13.4	4.0	4.0
200-220	4.9	4.2	.4									9.6	4.9	4.0
230-250	4.2	2.2										6.3	3.8	4.0
(W) 260-280	4.3	1.5	.3									6.1	4.1	4.0
290-310	4.3	4.5	1.2	.2								10.2	5.6	5.0
320-340	1.7	2.6	1.0									5.3	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											11.2	////////	
TOTALS	50.5	34.0	4.1	.3								100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.2	.1									2.6	4.8	4.5
020-040	1.3	1.4										2.7	4.6	5.0
050-070	1.5	.2										1.7	2.5	2.0
(E) 080-100	1.9	.3	.1									2.4	3.4	2.0
110-130	2.8	.4	.1									3.3	3.1	2.0
140-160	6.2	1.1										7.3	3.1	2.0
(S) 170-190	4.8	1.3										6.1	3.1	2.0
200-220	7.4	4.3	.4									12.2	4.3	4.0
230-250	8.0	2.9										10.9	3.6	3.0
(W) 260-280	6.7	2.5	.1									9.2	3.7	3.0
290-310	4.3	2.8										7.1	4.3	4.0
320-340	3.1	1.6	.3	.1								5.2	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											29.4	////////	
TOTALS	49.3	20.0	1.1	.1								100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.3	.2									2.9	5.1	5.0
020-040	1.3	.9	.3	.0								2.5	5.2	4.0
050-070	1.7	1.0	.1									2.7	4.2	4.0
(E) 080-100	1.9	1.5	.0									3.4	4.5	4.0
110-130	2.8	3.0	.2									6.0	4.9	5.0
140-160	4.3	4.3	.7	.0								9.4	5.2	5.0
(S) 170-190	3.4	2.1	.3									5.8	4.3	4.0
200-220	4.6	3.4	.5	.0								8.5	4.8	4.0
230-250	6.3	4.3	.4	.0								11.1	4.5	4.0
(W) 260-280	7.4	5.3	1.1									13.8	4.9	4.0
290-310	4.5	4.0	1.9	.2	.0							10.7	6.1	5.0
320-340	2.8	2.1	1.1	.2								6.1	5.9	5.0
VARIABLE														
CALM	////////////////////											17.0	////////	
TOTALS	42.3	33.2	6.8	.4								100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
												%	WIND	WIND
(N)	350-010	3.4	2.5	.5								6.4	4.9	4.0
	020-040	4.8	5.7	1.7	.1							12.3	5.9	5.0
	050-070	6.2	5.4	.5								12.0	4.9	4.0
(E)	080-100	4.7	2.9	.1								7.7	4.2	4.0
	110-130	6.4	4.9	.5								11.8	4.6	4.0
	140-160	6.2	3.5	.3	.1							10.2	4.5	4.0
(S)	170-190	3.3	1.5	.1								4.9	4.1	4.0
	200-220	1.7	1.0	.1	.2							3.1	5.1	4.0
	230-250	3.0	.8									3.8	3.0	2.0
(W)	260-280	2.2	.3									2.5	3.4	3.0
	290-310	1.7	.9		.1							2.7	4.3	3.0
	320-340	2.4	1.0	.5								3.9	4.5	4.0
VARIABLE														
CALM		////////////////////										18.7	////////	
TOTALS		46.0	30.4	4.3	.5							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 875

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	1.1	.2									4.4	4.3	4.0
020-040	2.2	1.4	.4									4.0	5.0	4.0
050-070	1.0	.2	.8									1.9	6.2	4.5
(E) 080-100	1.2											1.2	2.4	2.0
110-130	.5	.1										.6	3.7	4.0
140-160	2.2	1.4										3.5	4.2	4.0
(S) 170-190	3.2	1.5	.1									4.8	4.0	4.0
200-220	5.7	1.9										7.6	3.7	3.0
230-250	7.8	2.9										10.8	3.6	4.0
(W) 260-280	8.0	3.5	.3	.1								11.9	3.9	4.0
290-310	8.4	3.1	.8	.2								12.5	4.3	3.5
320-340	4.9	1.1		.2								6.2	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											30.4	////////	
TOTALS	48.2	18.2	2.6	.5								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.0	1.1	.6									4.7	4.8	4.0
020-040	2.2	1.6	.5									4.3	5.6	4.5
050-070	.6	.8	.2									1.6	5.7	5.0
(E) 080-100	.8											.8	2.7	3.0
110-130	1.1	.3										1.4	3.7	3.0
140-160	2.4	1.0										3.3	4.0	4.0
(S) 170-190	2.4	.8										3.1	3.2	2.0
200-220	5.1	1.9	.1									7.1	3.8	3.5
230-250	7.0	2.4										9.4	3.7	4.0
(W) 260-280	8.9	3.3	.3									12.6	3.8	4.0
290-310	10.0	2.6	.9									13.4	3.8	3.0
320-340	5.1	.9										5.9	3.2	3.0
VARIABLE														
CALM	////////////////////////////////////											32.4	////////////////////////////////	
TOTALS	48.6	16.7	2.6									100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	1.9	.2	.1								6.6	4.4	4.0
020-040	1.9	2.5	1.0	.2								5.6	6.5	5.5
050-070	.7	1.2	.2									3.1	4.9	4.0
(E) 080-100	1.1	.8	.1									1.9	4.8	4.0
110-130	1.0	.1										1.1	3.3	3.5
140-160	2.4	.4	.5									3.3	4.5	4.0
(S) 170-190	2.8	.8										3.5	3.6	3.0
200-220	4.3	2.2	.2									6.7	4.1	4.0
230-250	6.9	4.3	.1									11.3	4.1	4.0
(W) 260-280	9.8	6.2	.6									16.7	4.4	4.0
290-310	8.2	3.3	1.2	.1								12.8	4.4	3.0
320-340	4.7	2.0	.5	.1								7.4	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											20.0	////////////////////////////////	
TOTALS	49.1	25.7	4.6	.5								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.5	2.4	.5									5.4	5.4	5.0
020-040		2.2	1.5	1.4									5.1	6.3	5.0
050-070		3.0	2.2	.5	.1								5.8	4.9	4.0
(E) 080-100		2.5	2.3										4.7	4.4	4.0
110-130		2.9	2.7	.1									5.7	4.6	4.0
140-160		3.0	2.0	.6									5.7	5.2	4.0
(S) 170-190		1.3	2.6	.1									4.0	5.4	6.0
200-220		3.0	3.1	.2									6.3	4.9	5.0
230-250		7.4	6.7	.8	.1								14.9	4.8	5.0
(W) 260-280		6.7	7.7	1.2	.2								15.8	5.4	5.0
290-310		3.4	4.0	2.6	.9	.1							11.0	7.5	6.0
320-340		2.8	3.9	1.7	.3								8.7	6.5	6.0
VARIABLE															
CALM		////////////////////////////////////											6.9	////////	
TOTALS		40.7	41.1	9.7	1.6	.1							100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.4	.5	.1								2.9	7.0	7.0
020-040	.4	1.0	.9	.1								2.4	7.7	6.5
050-070	1.3	1.7	1.0	.1								4.1	7.2	6.5
(E) 080-100	2.9	4.0	.4									7.3	5.4	5.0
110-130	3.1	10.0	.6									13.8	5.9	6.0
140-160	2.7	10.3	1.6									14.6	6.5	7.0
(S) 170-190	1.5	3.1	.3									4.9	5.7	5.5
200-220	1.5	3.7	1.4	.1								6.7	6.7	6.0
230-250	4.3	7.6	1.7									13.7	6.2	6.0
(W) 260-280	2.7	7.8	1.0	.3								11.8	6.5	6.0
290-310	1.0	4.9	5.3	.5	.1							11.8	9.1	9.5
320-340	1.0	1.8	1.1	.2								4.1	7.5	7.5
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	23.3	57.3	15.8	1.4	.1							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.0	.4									1.8	7.3	8.0
020-040	1.0	1.7	.6									3.3	6.5	6.0
050-070	1.1	1.2	.8	.2								3.2	7.2	6.5
(E) 080-100	2.2	3.8	.2									6.1	5.6	6.0
110-130	4.6	7.6	1.0									13.2	5.6	6.0
140-160	4.8	17.6	2.8	.1								25.4	6.5	6.0
(S) 170-190	2.8	3.7	.5									7.0	5.6	5.0
200-220	1.7	2.7	.4									4.8	5.9	6.0
230-250	2.2	5.3	1.1									8.5	6.5	6.0
(W) 260-280	1.5	5.2	1.8	.3								8.8	7.3	7.0
290-310	1.6	5.2	3.2	.5								10.5	8.2	8.0
320-340	1.1	2.4	1.8	.8								6.0	9.1	9.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	25.0	57.4	14.6	1.9								100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.6	.5									4.0	5.7	5.0
020-040	1.4	1.4										2.8	4.8	4.5
050-070	2.4	.9	.5									3.9	4.8	4.0
(E) 080-100	2.6	1.7	.5									4.8	5.2	4.0
110-130	2.8	1.7	.1									4.6	4.1	4.0
140-160	13.5	7.1										20.6	4.0	4.0
(S) 170-190	6.6	3.3										9.9	3.9	4.0
200-220	5.9	2.6	.3									8.8	4.0	4.0
230-250	5.1	2.4	.1									7.5	4.0	3.5
(W) 260-280	3.2	1.2	.3		.1							4.8	4.3	4.0
290-310	3.4	2.6	1.0	.1	.1							7.2	5.9	5.0
320-340	1.1	2.6	1.1	.2								4.9	7.1	6.0
VARIABLE														
CALM	////////////////////											16.0	////////	
TOTALS	49.8	29.1	4.5	.3	.2							100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.0	1.7	.1									3.9	5.1	4.0
020-040	2.0	1.6	.2									3.9	4.9	4.0
050-070	1.5	.6	.6	.1								2.9	5.8	4.0
(E) 080-100	1.1	.2	.2									1.5	4.4	4.0
110-130	1.4	.3	.2									1.9	4.2	3.5
140-160	3.0	1.0	.2									4.2	3.8	3.0
(S) 170-190	5.6	2.8	.1									8.5	3.8	4.0
200-220	7.4	3.2										10.6	3.7	3.0
230-250	7.0	3.4	.1									10.5	3.9	3.0
(W) 260-280	6.1	2.3	.3		.3							9.0	4.4	3.0
290-310	4.5	2.2	.3	.2								7.2	4.7	4.0
320-340	2.9	1.6	.2	.1								4.8	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											31.0	////////////////////////////////	
TOTALS	44.5	20.9	2.5	.4	.3							100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.5	.4	.0								4.2	5.2	4.0
020-040	1.7	1.6	.6	.0								3.9	5.9	5.0
050-070	1.6	1.1	.6	.1								3.3	5.8	5.0
(E) 080-100	1.8	1.6	.2									3.5	5.0	4.5
110-130	2.2	2.9	.3									5.3	5.2	5.0
140-160	4.2	5.1	.7	.0								10.1	5.3	5.0
(S) 170-190	3.3	2.3	.1									5.7	4.4	4.0
200-220	4.3	2.7	.3	.0								7.3	4.5	4.0
230-250	6.0	4.4	.5	.0								10.8	4.6	4.0
(W) 260-280	5.9	4.7	.7	.1	.1							11.4	5.0	4.0
290-310	5.1	3.5	1.9	.3	.0							10.8	6.0	5.0
320-340	2.9	2.0	.8	.2								6.0	5.8	5.0
VARIABLE														
CALM	////////////////////											17.5	////////	
TOTALS	41.3	33.4	7.1	.7	.1							100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.9	4.1	1.9	.1								11.0	6.0	5.0
020-040	6.0	7.1	4.6	.3								18.1	6.8	6.0
050-070	5.4	4.5	2.6	.2								12.8	6.0	5.0
(E) 080-100	4.2	2.3	1.0									7.5	5.2	4.0
110-130	2.5	1.8	.9									5.2	5.5	5.0
140-160	4.9	2.7	1.7									9.3	5.5	4.0
(S) 170-190	2.9	2.1	.3									5.4	4.8	4.0
200-220	2.9	1.9	.3									5.2	4.6	4.0
230-250	2.8	.6										3.4	3.3	3.0
(W) 260-280	2.7	.6										3.3	3.0	3.0
290-310	1.2	.3										1.6	3.3	3.5
320-340	1.1	.9	.2	.3								2.6	6.8	5.0
VARIABLE														
CALM	////////////////////////////////////											14.8	////////////////////////////////	
TOTALS	41.5	28.9	13.5	.9								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.2	.2									4.8	4.0	3.0
020-040	2.6	2.9	.3									5.8	5.3	5.0
050-070	1.0	2.0	.4									3.4	6.2	6.0
(E) 080-100	.7	.6										1.2	4.2	4.0
110-130	.4	.4	.1	.1								1.1	5.7	5.0
140-160	1.6	.3	.2		.1							2.2	4.9	2.0
(S) 170-190	2.0	1.1										3.1	3.8	4.0
200-220	3.6	2.4	.6									6.6	4.8	4.0
230-250	8.7	3.7										12.3	3.8	4.0
(W) 260-280	8.2	4.8	.1									13.1	4.0	4.0
290-310	6.7	3.3	.6									10.6	4.1	3.0
320-340	4.7	1.4	.3									6.4	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											29.3	////////////////////////////////	
TOTALS	43.5	24.1	2.8	.1	.1							100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.2	.6									4.4	4.8	4.0
020-040	4.1	2.2	.6									6.9	4.6	4.0
050-070	2.1	1.7	.6	.2								4.6	5.9	5.0
(E) 080-100	.4	.6										1.0	4.9	5.0
110-130	.9	.3										1.2	3.4	3.0
140-160	2.2		.2									2.4	3.0	2.0
(S) 170-190	1.4	.3										1.8	2.8	2.0
200-220	2.8	2.6	.1									5.4	4.4	4.0
230-250	7.3	4.3	.1									11.8	4.1	4.0
(W) 260-280	8.6	4.1	.2									12.9	4.0	4.0
290-310	6.1	2.9	1.0									10.0	4.4	4.0
320-340	4.0	1.7	.3									6.0	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											31.6	////////	
TOTALS	42.6	21.9	3.7	.2								100.0	2.9	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.8	.3	.1								5.2	4.9	4.0
020-040	3.3	3.4	.3	.1								7.2	5.0	5.0
050-070	2.0	2.2	.6	.3								5.1	5.9	5.0
(E) 080-100	.4	.4	.1									1.0	5.6	5.0
110-130	.4	.6										1.0	4.3	5.0
140-160	1.7	.2	.1									2.0	3.5	3.0
(S) 170-190	1.4	.4										1.9	3.4	3.0
200-220	2.8	2.9	.1									5.8	4.7	5.0
230-250	6.1	4.9	.6									11.6	4.4	4.0
(W) 260-280	8.6	8.2	.7									17.4	4.7	5.0
290-310	7.2	4.4	.8	.1								12.6	4.7	4.0
320-340	4.8	2.1	.7	.1								7.7	4.4	4.0
VARIABLE														
CALM	////////////////////											21.6	////////	
TOTALS	41.7	31.5	4.3	.7								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	2.6	.7									5.3	5.6	6.0
020-040	3.1	2.9	.4	.4								6.9	6.0	5.0
050-070	2.4	3.3	.7									6.4	5.7	5.0
(E) 080-100	2.1	2.2	.2									4.6	5.0	5.0
110-130	1.8	1.4	.7	.2								4.1	6.3	5.0
140-160	1.4	1.1	.4									3.0	5.3	5.0
(S) 170-190	1.6	1.1	.3	.1								3.1	5.2	4.5
200-220	3.2	3.1	.7									7.0	5.2	5.0
230-250	6.3	5.7	1.2	.2								13.4	5.3	5.0
(W) 260-280	5.6	9.2	3.4	.2								18.4	6.5	6.5
290-310	3.1	3.8	4.7	.7	.1							12.3	8.3	8.0
320-340	2.4	1.8	2.6	.2								7.0	7.2	8.0
VARIABLE														
CALM	////////////////////											8.3	////////	
TOTALS	35.1	38.2	16.0	2.0	.1							100.0	5.7	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.3	.6									2.3	7.0	7.0
020-040	.6	1.3	.7									2.6	7.7	7.0
050-070	1.7	2.8	.9									5.3	6.4	6.0
(E) 080-100	2.0	4.6	.2	.1								6.9	5.7	6.0
110-130	4.1	6.6	.7		.2		.1					11.7	6.0	5.0
140-160	2.3	4.8	1.3	.2	.1							8.8	7.2	7.0
(S) 170-190	1.9	1.2	.3	.1								3.6	5.2	4.0
200-220	3.1	3.6	2.0									8.7	6.5	6.0
230-250	3.8	7.0	2.2	.3								13.3	6.5	6.0
(W) 260-280	2.7	8.7	3.2	.2								14.8	7.3	7.0
290-310	.4	5.1	6.8	.7	.1							13.1	9.8	10.0
320-340	.9	2.2	2.6	.9	.1							6.7	9.5	10.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	23.9	49.2	21.5	2.5	.5		.1					100.0	7.0	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	.6	.2									1.2	5.6	6.0
020-040	.8	.8	.2	.1								1.9	6.5	5.0
050-070	1.2	2.4	.8									4.4	6.3	6.0
(E) 080-100	2.2	3.8	.3									6.3	5.5	5.0
110-130	2.7	7.2				.1						10.0	5.8	6.0
140-160	5.3	10.3	2.9	.1		.1						18.8	6.6	6.0
(S) 170-190	2.6	2.2	.7	.3		.1						5.9	6.4	5.0
200-220	2.1	5.0	.2	.1								7.4	5.7	6.0
230-250	3.9	4.8	1.6									10.2	5.9	6.0
(W) 260-280	2.7	5.7	2.2	.1	.1							10.8	6.8	6.0
290-310	1.4	7.3	2.7	.8								12.4	8.1	8.0
320-340	.8	1.9	2.2	1.3	.2							6.4	10.7	10.0
VARIABLE														
CALM	////////////////////////////////////											4.1	////////////////////////////////	
TOTALS	26.1	52.0	14.2	2.8	.3	.3						100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.8	.2									2.8	4.1	3.0
020-040	1.8	1.0										2.8	3.9	4.0
050-070	1.9	1.7	.3									3.9	5.7	5.0
(E) 080-100	2.0	1.2										3.2	4.0	4.0
110-130	3.8	1.0	.1									4.9	3.9	3.5
140-160	8.4	4.8	.4									13.7	4.2	4.0
(S) 170-190	6.0	3.2	.2									9.4	1	4.0
200-220	6.6	2.4	.4	.1								9.6	4.2	3.0
230-250	5.7	1.7	.1	.1								7.6	3.9	4.0
(W) 260-280	4.0	1.9	.8	.3	.1							7.1	5.4	4.0
290-310	4.1	5.1	.7									9.9	5.4	5.0
320-340	2.7	2.1	1.1	.1								6.0	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											19.2	////////	
TOTALS	48.8	26.9	4.3	.6	.1							100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.8	1.4	.2									3.4	4.6	4.0
020-040		2.7	1.8										4.4	3.8	4.0
050-070		1.8	1.1	.6									3.4	5.3	4.0
(E) 080-100		1.1	.7										1.8	3.8	3.5
110-130		1.0	.6	.1									1.7	4.3	3.0
140-160		2.1	.9	.3									3.3	4.5	4.0
(S) 170-190		3.6	1.2	.1									4.9	3.5	3.0
200-220		5.9	3.2	.6	.1								9.8	4.5	4.0
230-250		8.1	2.9	.3									11.3	3.9	3.5
(W) 260-280		7.4	2.8	1.1	.2								11.6	4.6	4.0
290-310		5.3	2.9	.7									8.9	4.7	4.0
320-340		4.2	1.3										5.6	3.4	3.0
VARIABLE															
CALM		////////////////////////////////////											29.9	////////	
TOTALS		45.0	20.8	4.0	.3								100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.4	.4	.0								3.7	5.0	4.0
020-040	2.4	2.0	.3	.1								4.8	5.2	5.0
050-070	1.8	2.2	.6	.1								4.6	5.9	6.0
(E) 080-100	1.4	1.8	.1	.0								3.2	5.1	5.0
110-130	1.9	2.3	.2	.0	.0	.0	.0					4.5	5.5	5.0
140-160	3.1	2.8	.8	.0	.0	.0						6.8	5.5	5.0
(S) 170-190	2.6	1.4	.2	.1		.0						4.2	4.5	4.0
200-220	3.8	3.2	.6	.0								7.5	5.0	5.0
230-250	6.2	4.4	.8	.1								11.4	4.8	4.0
(W) 260-280	6.0	5.7	1.5	.1	.0							13.3	5.5	5.0
290-310	4.3	4.4	2.3	.3	.0							11.2	6.4	6.0
320-340	3.1	1.8	1.2	.3	.0							6.5	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											18.3	////////	
TOTALS	38.5	33.4	9.0	1.1								100.0	4.4	5.0
TOTAL NUMBER OF OBSERVATIONS 7200														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	3.9	1.8									8.9	6.0	6.0
020-040	7.9	7.6	1.7	.6								17.7	5.7	5.0
050-070	5.9	10.8	3.3	.6								20.6	6.7	6.0
(E) 080-100	2.2	4.6	.1	.1								7.0	5.5	5.0
110-130	2.6	1.4	.3	.3	.2	.1	.1					5.2	7.0	4.0
140-160	3.1	2.1	1.1	.2	.2	.1						6.8	6.7	5.5
(S) 170-190	2.1	1.0	.1			.1						3.3	4.8	4.0
200-220	2.5	.8	.1	.1								3.5	4.3	3.5
230-250	2.5	.7	.1									3.3	3.7	2.0
(W) 260-280	1.3	.4										1.8	3.1	2.0
290-310	1.4	.4										1.9	3.1	3.0
320-340	2.5	1.7	1.1									5.3	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											14.6	////////////////////////////////	
TOTALS	37.3	35.4	9.7	1.9	.4	.3	.1					100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 908														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	3.2	.2	.1								7.8	4.7	4.0
020-040	2.6	2.4	.6									5.6	5.3	5.0
050-070	1.3	.4										1.7	3.7	3.0
(E) 080-00	.2	.3	.2									.8	6.7	8.0
110-130	.2		.2									.4	7.3	7.0
140-160	1.4	1.7	.2	.3								3.7	6.0	5.0
(S) 170-190	1.6	.8	.1	.1								2.6	4.1	3.0
200-220	3.1	1.5	.1									4.7	4.2	4.0
230-250	6.9	4.3	.3									11.5	4.3	4.0
(W) 260-280	8.8	6.7	1.5									17.0	5.0	4.0
290-310	7.6	3.8	.9	.1								12.4	4.4	3.0
320-340	5.4	1.6	.6	.1								7.7	4.2	3.0
VARIABLE														
CALM	////////////////////////////////////											24.1	////////	
TOTALS	43.4	26.7	4.9	.7								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	3.8	1.0									8.2	5.5	5.0
020-040	2.3	2.6	.5	.1	.1							5.6	5.8	5.0
050-070	1.5	.4	.1									2.0	4.4	4.0
(E) 080-100	.8	.2	.2	.2								1.4	6.6	4.0
110-130	.5	.4	.1									1.1	4.6	4.5
140-160	.9	1.1	.1									2.0	5.2	5.0
(S) 170-190	1.2	1.7		.2								3.1	5.6	6.0
200-220	4.1	2.6	.2	.1								7.0	4.4	4.0
230-250	7.7	3.4	.6	.1								11.9	4.6	4.0
(W) 260-280	8.2	6.2	.9									15.3	4.7	4.0
290-310	6.6	3.2	1.1									10.9	4.5	4.0
320-340	5.6	1.8	.3									7.7	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											23.8	////////////////////////////////	
TOTALS	42.8	27.4	5.1	.7	.1							100.0	3.7	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

TATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	4.0	1.0									8.2	5.8	5.0
020-040	3.2	3.0	.8	.1								7.1	5.4	5.0
050-070	1.1	.5	.5	.2	.1							2.5	7.5	5.0
(E) 080-100	.8	.1			.1							1.0	4.7	3.0
110-130	.5	.9										1.4	4.8	5.0
140-160	.6	1.2	.2	.3								2.4	7.5	7.0
(S) 170-190	1.1	1.1										2.2	4.5	4.5
200-220	2.0	1.9	.2	.1	.2							4.5	5.7	5.0
230-250	6.9	4.8	.8									12.5	4.6	4.0
(W) 260-280	9.8	7.0	1.0	.1	.1							18.0	5.0	4.0
290-310	5.7	3.9	2.4	.3	.1							12.4	6.1	5.0
320-340	6.3	2.7	.1	.2								9.4	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											18.7	////////	
TOTALS	41.2	31.1	7.0	1.3	.6							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	4.0	1.0	.1								7.6	6.1	6.0
020-040	3.5	3.5	1.7									8.8	6.1	6.0
050-070	1.7	2.6	.6	.1	.2							5.3	7.0	6.0
(E) 080-100	1.2	.8	.1									2.0	4.6	4.0
110-130	1.6	1.4	.3									3.3	5.4	5.0
140-160	.6	1.5	1.1									3.2	7.6	8.0
(S) 170-190	.8	1.1	.8									2.6	6.9	7.0
200-220	1.9	2.4	.5	.2	.1							5.2	6.5	6.0
230-250	3.3	5.3	1.2	.2								10.0	6.1	6.0
(W) 260-280	4.9	8.3	4.8	.8								18.8	7.2	6.0
290-310	3.1	3.9	5.9	1.0	.1							14.0	8.8	9.5
320-340	3.7	2.8	3.0	.6	.2							10.3	7.7	7.0
VARIABLE														
CALM	////////////////////////////////////											8.8	////////	
TOTALS	28.9	37.6	21.0	3.0	.6							100.0	6.4	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	2.4	.9	.1								4.7	6.8	6.5
020-040	1.6	2.7	.8									5.1	6.4	6.0
050-070	1.9	3.7	.4	.1	.1							6.2	6.4	6.0
(E) 080-100	3.0	3.8	.3	.1								7.2	5.3	5.0
110-130	3.7	3.4	.5									7.6	5.2	5.0
140-160	1.1	4.2	1.5	.1								6.9	7.1	7.0
(S) 170-190	.9	2.0	.6	.1								3.7	7.1	7.0
200-220	2.0	2.3	1.8		.1							6.2	7.2	8.0
230-250	3.1	4.7	2.5	.1	.2							10.6	7.0	7.0
(W) 260-280	1.8	7.3	6.1	.8	.2							16.2	8.8	9.0
290-310	1.0	3.4	6.3	2.0	.5							13.3	10.9	10.0
320-340	1.1	2.7	3.5	1.1	.2							8.6	9.9	10.0
VARIABLE														
CALM	////////////////////////////////////											3.5	////////////////////////////////	
TOTALS	22.6	42.6	25.2	4.5	1.3							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	1.5	.2									3.1	5.1	5.0
020-040	1.2	1.8	.5	.1								3.7	6.4	6.0
050-070	2.2	1.8		.1	.3							4.4	6.3	5.0
(E) 080-100	3.0	3.3	.5	.1								7.0	5.4	5.0
110-130	4.7	5.2										9.9	4.6	5.0
140-160	4.9	7.4	1.1									13.4	5.7	6.0
(S) 170-190	2.3	2.0	.1									4.4	4.6	4.0
200-220	2.7	3.0	.3									6.0	5.0	5.0
230-250	2.8	3.9	1.1	.1								7.8	6.0	6.0
(W) 260-280	2.0	5.8	3.0	.3								11.2	7.6	8.0
290-310	2.0	5.6	4.8	.8	.3		.1					13.7	9.1	9.0
320-340	1.6	4.4	2.9	.6	.4							10.0	9.0	8.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////	
TOTALS	30.8	45.7	14.5	2.1	1.0		.1					100.0	6.3	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.7	.3									4.3	4.7	4.0
020-040	2.6	1.3	.3									4.2	4.5	4.0
050-070	1.1	.9	.1	.2		.1						2.4	6.5	5.0
(E) 080-100	1.8	.4	.1			.2						2.6	5.7	3.0
110-130	1.9	1.3	.3									3.5	4.9	4.0
140-160	5.7	2.4	.3	.1								8.5	4.4	4.0
(S) 170-190	6.1	1.8	.1									8.1	3.6	3.0
200-220	4.2	2.8	.2									7.2	4.4	4.0
230-250	4.9	1.8	.3	.1								7.2	4.2	4.0
(W) 260-280	4.8	3.9	.9	.1								9.7	5.2	4.5
290-310	4.2	3.8	2.4	.5								10.9	6.9	6.0
320-340	2.7	4.6	1.7	.3								9.4	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											22.2	////////	
TOTALS	42.3	26.7	7.0	1.3		.3						100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	1.8	.6	.1								4.8	5.4	5.0
020-040	1.7	2.4	.4									4.5	5.5	5.5
050-070	1.5	.6	.3									2.5	4.7	4.0
(E) 080-100	.6	.3	.1									1.1	4.4	2.5
110-130	.4	.5	.4	.2								1.6	7.9	5.0
140-160	2.9	1.2	.2	.1								4.4	4.8	4.0
(S) 170-190	2.8	1.0										3.8	3.5	3.0
200-220	4.3	3.0										7.3	4.3	4.0
230-250	5.5	2.6	1.3	.1								9.5	4.8	4.0
(W) 260-280	6.2	5.1	.6	.2								12.2	5.0	4.0
290-310	6.9	4.8	1.5	.2								13.4	5.3	4.0
320-340	4.7	2.3	.8	.2								8.0	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											27.0	////////////////////////////////	
TOTALS	39.8	25.6	6.2	1.1								100.0	3.6	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		2.6	2.8	.6	.1								6.1	5.5	5.0
020-040		2.3	2.5	.7	.0	.0							5.6	5.7	5.0
050-070		1.5	1.4	.3	.1	.1	.0						3.4	6.1	5.0
(E) 080-100		1.4	1.2	.2	.1	.0	.0						2.9	5.3	5.0
110-130		1.7	1.6	.2	.0								3.6	5.1	5.0
140-160		2.3	2.6	.6	.1								5.6	5.8	5.0
(S) 170-190		2.1	1.4	.2	.1								3.8	4.7	4.0
200-220		3.1	2.4	.4	.1	.1							6.0	5.1	4.0
230-250		5.1	3.9	1.0	.1	.0							10.1	5.2	4.0
(W) 260-280		5.8	6.3	2.4	.3	.0							14.8	6.1	5.0
290-310		4.6	4.0	3.2	.6	.1		.0					12.6	7.1	6.0
320-340		3.9	2.9	1.6	.4	.1							8.9	6.5	5.0
VARIABLE															
CALM		////////////////////////////////////										16.7	////////////////////////////////		
TOTALS		36.4	33.0	11.4	2.0	.4							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.8	5.7	2.4	.2							12.2	6.6	5.0
020-040	4.6	7.6	2.7	.3	.1						15.4	6.5	6.0
050-070	3.7	4.2	.3	.3	.8	.1					9.5	7.1	5.5
(E) 080-100	2.5	2.4	1.2	.2	.1	.2					6.7	7.2	6.0
110-130	2.3	2.5	1.0	.1							6.0	6.2	5.0
140-160	3.0	4.2	2.3	.6							10.1	7.3	6.0
(S) 170-190	2.3	2.4	.5								5.2	5.2	5.0
200-220	1.9	.5									2.3	3.4	2.5
230-250	1.6	.8	.1								2.5	4.3	4.0
(W) 260-280	3.2	1.4									4.6	3.8	4.0
290-310	2.1	.6	.2	.1							3.0	4.4	3.0
320-340	4.5	3.0	.8	.1							8.5	5.0	4.0
VARIABLE													
CALM	////////////////////										13.9	////////	
TOTALS	35.5	35.3	11.5	1.9	1.0	.3					100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 863

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.7	.1	.2								5.2	5.6	5.0
020-040	1.4	3.1	1.3									5.9	7.1	7.0
050-070	.3	.6	.1	.4								1.4	9.1	8.0
(E) 080-100	.6	.3	.4	.3								1.7	7.9	6.0
110-130	.4	.7	.6	.1								1.8	8.1	8.0
140-160	1.7	2.2										3.9	5.4	5.0
(S) 170-190	2.8	1.8	.4									5.0	5.2	4.0
200-220	3.6	2.9										6.4	4.2	4.0
230-250	5.8	3.6	.4									9.8	4.2	4.0
(W) 260-280	6.0	6.9	2.4	.9								16.2	6.4	5.0
290-310	5.4	6.2	4.8	1.0	.1							17.6	7.3	7.0
320-340	3.4	1.8	.7	.1	.1							6.1	5.4	4.0
VARIABLE														
CALM	////////////////////////////////////											19.0	////////	
TOTALS	33.6	32.8	11.2	3.0	.2							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	2-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.3	3.8	.8	.2	.1							8.2	6.1	5.0
020-040	1.6	2.2	.9	.2								4.9	7.0	7.0
050-070	.9	.6	.7	.3								2.4	8.0	7.5
(E) 080-100	.2	.3	.2									.8	6.6	6.0
110-130	.2	.7	.9									1.8	8.3	9.5
140-160	1.8	.9	.2	.1								3.0	4.9	4.0
(S) 170-190	2.8	1.6	.6									4.9	5.3	4.0
200-220	4.3	2.6	.3									7.2	4.4	4.0
230-250	5.0	4.4	.4	.1								10.0	5.0	4.5
(W) 260-280	6.3	7.9	1.8	.1								16.1	5.7	5.0
290-310	4.4	8.0	3.8	.7	.2							17.1	7.2	6.0
320-340	3.7	1.6	1.4	.2	.1							7.0	6.1	4.0
VARIABLE														
CALM	////////////////////////////////////											16.6	////////////////////////////////	
TOTALS	34.5	34.6	12.0	1.9	.4							100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	3.4	1.0	.1								8.4	5.4	5.0
020-040	1.3	3.2	1.0	.4								6.0	7.1	7.0
050-070	1.1	.7	.4	.3	.1							2.7	7.3	6.0
(E) 080-100	.6	.1	.1									.8	3.9	2.0
110-130	.6	.2	.4									1.2	7.4	6.0
140-160	1.4	.7	.4									2.6	4.7	3.0
(S) 170-190	1.8	1.7	.6									4.0	5.4	5.5
200-220	4.0	4.2	.9									9.1	5.4	5.0
230-250	4.6	5.2	.4									10.2	5.3	5.0
(W) 260-280	4.7	7.3	1.8	.2								14.0	6.1	6.0
290-310	5.1	6.8	4.4	1.3	.2							17.9	7.5	7.0
320-340	4.0	1.9	.9									6.8	4.5	4.0
VARIABLE														
CALM	////////////////////											16.3	////////	
TOTALS	33.1	35.4	12.3	2.3	.3							100.0	5.1	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	3.6	1.0									6.9	6.0	6.0
020-040	2.9	4.0	1.8	.1								8.8	6.5	6.0
050-070	.7	1.2	.2	.4								2.6	8.1	7.0
(E) 080-100	.4	.3	.4									1.2	6.5	6.0
110-130	.7	.9	.1	.1								1.8	6.2	5.0
140-160	.9	1.9	.3									3.1	6.3	7.0
(S) 170-190	.9	.6	.6									2.0	6.2	6.0
200-220	2.6	3.1	1.1									6.8	6.2	6.0
230-250	5.2	6.0	2.3									13.6	5.9	5.0
(W) 260-280	3.1	8.6	4.6	.7	.2							17.1	7.8	7.5
290-310	2.1	5.3	8.0	2.6	.9							18.9	10.6	10.0
320-340	2.7	3.2	2.3	1.1	.1							9.4	8.3	8.0
VARIABLE														
CALM	////////////////////											7.9	////////	
TOTALS	24.5	38.7	22.7	5.0	1.2							100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.0	1.3	.2								5.1	7.1	6.0
020-040	1.9	3.2	.9	.1								6.1	6.6	6.0
050-070	1.7	2.6	.7	.1								5.0	6.0	5.0
(E) 080-100	1.3	.4	.3									2.1	5.2	4.0
110-130	1.2	2.3	.2									3.8	5.8	5.0
140-160	1.3	2.9	.9									5.1	6.4	6.0
(S) 170-190	1.8	1.4	.7									3.9	5.7	5.0
200-220	1.9	2.4	1.3									5.7	6.4	6.0
230-250	2.4	5.9	3.6									11.9	7.2	7.0
(W) 260-280	1.2	7.1	5.8	.4	.2							14.8	8.9	9.0
290-310	1.4	5.8	9.9	4.9	.8							22.8	11.3	11.0
320-340	1.2	4.2	3.4	1.0	.2							10.1	9.4	9.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	18.9	40.2	29.0	6.7	1.2							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.2	.7	.1								4.0	6.9	7.0
020-040	1.6	2.9	.8	.2	.2							5.7	7.2	6.0
050-070	2.7	2.3	.4	.3								5.8	5.6	5.0
(E) 080-100	2.0	.7	.4									3.1	4.5	4.0
110-130	2.9	1.8	.1									4.8	4.2	4.0
140-160	3.9	5.2	1.1									10.2	5.4	5.0
(S) 170-190	2.4	1.0	.2									3.7	4.7	.0
200-220	2.3	2.8	.6									5.7	5.2	5.0
230-250	3.3	3.1	.9									7.3	5.4	5.0
(W) 260-280	3.7	6.1	3.6	.4								13.8	7.3	7.0
290-310	2.3	8.1	8.4	3.6	.8	.1						23.3	10.3	10.0
320-340	1.3	3.3	2.7	.3	.2							7.9	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	29.4	39.5	19.9	4.4	1.2	.1						100.0	6.9	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.7	.6									3.8	6.3	6.0
020-040	2.6	2.2	1.0	.3								6.1	6.4	5.0
050-070	1.6	1.2	.1	.2								3.1	5.6	4.5
(E) 080-100	.8	1.2	.7	.1								2.8	7.4	7.0
110-130	1.2	1.0	.4									2.7	5.6	5.5
140-160	4.4	2.1	.1	.2	.1							7.0	4.7	4.0
(S) 170-190	3.4	3.0	.3	.2								7.0	5.0	5.0
200-220	3.1	2.9										6.0	4.5	4.0
230-250	3.6	3.0	.4									7.0	5.1	4.0
(W) 260-280	4.9	5.2	1.9	.2								12.2	6.1	6.0
290-310	3.7	8.1	4.8	1.8	.3							18.7	8.5	8.0
320-340	2.7	3.4	2.0	.3	.2							8.7	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											15.0	////////////////////////////////	
TOTALS	33.6	35.0	12.3	3.3	.6							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.6	.4	.1								4.8	6.0	6.0
020-040	1.4	2.1	.8	.1								4.4	6.6	6.0
050-070	1.1	.8	.6	.6								3.0	8.	7.0
(E) 080-100	.2	1.2	.2									1.7	6.5	6.0
110-130	.9	1.0	.2			.1						2.2	7.1	6.0
140-160	1.8	2.3	.3									4.4	5.8	5.5
(S) 170-190	4.1	2.1	.4	.3	.1							7.1	5.3	4.0
200-220	5.1	3.0	.2									8.3	4.2	4.0
230-250	5.6	3.4	.3	.1								9.4	4.6	4.0
(W) 260-280	6.2	5.6	3.0	.4								15.2	6.4	6.0
290-310	4.6	6.4	4.6	1.3	.1	.1						17.1	8.2	8.0
320-340	3.4	2.7	1.4	.3								7.9	6.0	5.0
VARIABLE														
CALM	////////////////////											14.3	////////	
TOTALS	36.1	33.2	12.4	3.2	.2	.2						100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.7	.7	.1	.0							5.8	6.1	5.5
020-040	1.8	2.9	1.1	.2	.0							6.0	6.8	6.0
050-070	1.3	1.2	.4	.3	.0							3.2	6.8	6.0
(E) 080-100	.8	.6	.4	.1								1.8	6.1	5.0
110-130	1.0	1.1	.4	.0		.0						2.5	6.1	5.0
140-160	2.2	2.3	.4	.0	.0							4.9	5.5	5.0
(S) 170-190	2.5	1.6	.5	.1	.0							4.7	5.3	4.0
200-220	3.4	3.0	.6									6.9	5.0	5.0
230-250	4.4	4.3	1.1	.0								9.9	5.4	5.0
(W) 260-280	4.5	6.8	3.1	.4	.1							14.9	6.9	6.0
290-310	3.6	6.8	6.1	2.1	.4	.0						19.2	9.0	9.0
320-340	2.8	2.8	1.9	.4	.1							8.0	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											12.2	////////////////////////////////	
TOTALS	30.5	36.1	16.7	3.7	.6							100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 7200														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.3	8.8	3.6	.8	.1						16.6	7.6	8.0
020-040	2.6	7.6	4.5	1.2	.2						16.1	8.4	8.0
050-070	2.6	3.7	2.5	2.4	.1						11.2	9.2	8.0
(E) 080-100	1.2	1.8	1.9	.3							5.2	7.9	7.0
110-130	1.5	4.1	1.2	.2		.1					7.1	7.3	7.0
140-160	1.6	4.1	1.9	.2	.1						7.9	7.3	7.0
(S) 170-190	2.2	2.1	.6	.2	.1						5.1	6.1	5.0
200-220	1.9	2.1	.3								4.3	5.0	5.0
230-250	2.3	.8	.5								3.5	4.5	4.0
(W) 260-280	2.6	1.2	.3								4.1	4.3	4.0
290-310	1.3	1.4	.1	.1	.2	.1					3.2	6.9	5.0
320-340	2.9	2.4	1.1	.3	.1						6.8	6.5	5.0
VARIABLE													
CALM	////////////////////////////////////										8.9	////////////////////////////////	
TOTALS	26.0	40.1	18.5	5.7	.9	.2					100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 1055

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	3.9	.5	.3								8.0	5.7	6.0
020-040	1.8	1.2	1.0	.1								4.1	6.2	6.0
050-070	.8	.2	.3									1.3	5.1	4.0
(E) 080-100	.2	.6	.9									1.7	8.3	9.0
110-130	.3	.1	.2									.6	6.2	5.5
140-160	.6	.2	.4									1.3	5.9	5.0
(S) 170-190	1.8	.8	.2	.1								2.9	4.5	4.0
200-220	3.9	2.7	.9									7.4	5.0	4.0
230-250	6.6	5.9	1.9									14.4	5.4	5.0
(W) 260-280	7.3	7.1	1.1	.5	.3							16.3	5.8	5.0
290-310	4.7	7.0	3.4	2.2	.3							17.6	7.9	7.5
320-340	3.7	3.3	1.9	.8								9.7	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											14.6	////////	
TOTALS	34.9	33.0	12.7	4.0	.6							100.0	5.3	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	4.3	1.4									7.4	6.6	6.0
020-040	1.6	2.4	1.0									4.9	6.2	5.5
050-070	.2	.9	.2	.1								1.4	7.7	7.0
(E) 080-100	.2	.3	.2	.1								.9	8.3	8.0
110-130	.1	.2	.5	.1								1.0	9.9	10.0
140-160	.8	.2	.2									1.2	5.5	3.0
(S) 170-190	1.2	1.2	.2									2.6	4.6	5.0
200-220	4.4	3.0	.9									8.3	4.9	4.0
230-250	5.9	4.0	1.8	.1								11.8	5.4	4.5
(W) 260-280	6.6	5.3	1.1	.6								13.5	5.5	5.0
290-310	5.5	6.9	4.6	1.6	1.0							19.6	8.1	7.0
320-340	3.3	3.1	1.6	1.3	.2							9.6	7.8	6.0
VARIABLE														
CALM	////////////////////////////////////											17.8	////////	
TOTALS	31.5	31.8	13.7	3.9	1.2							100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	5.5	1.1									8.6	6.4	6.0
020-040	.6	3.0	1.0									4.6	7.2	7.0
050-070	.2	.5	.2									1.0	7.1	7.0
(E) 080-100		.5	.1									.6	7.7	7.5
110-130			.1									.1	12.0	12.0
140-160	.9	.2		.2								1.3	5.8	4.0
(S) 170-190	1.3	.8										2.0	3.9	4.0
200-220	3.0	3.8	.2									7.0	5.0	5.0
230-250	6.2	5.4	1.6	.1								13.3	5.4	5.0
(W) 260-280	7.0	6.1	1.5	.3	.2							15.2	5.7	5.0
290-310	5.6	6.3	3.7	2.5	1.0							19.0	8.5	8.0
320-340	3.8	2.3	1.9	.4								8.4	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											18.8	////////	
TOTALS	30.6	34.4	11.4	3.5	1.2							100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.8	4.1	1.1	.1								8.1	6.0	6.0
020-040	1.1	3.0	1.1									5.2	7.3	7.5
050-070	.4	.4	.3									1.2	7.3	7.0
(E) 080-100	.2	.4										.6	5.0	5.5
110-130	.2	.1										.3	3.3	4.0
140-160	.2	.3	.1	.1								.8	7.9	6.0
(S) 170-190	.6	.9	.4									1.9	6.6	6.0
200-220	1.6	2.2	.8									4.5	6.2	6.0
230-250	4.7	6.8	2.7	.2								14.4	6.3	6.0
(W) 260-280	6.6	9.0	4.0	1.2	.2	.2						21.2	7.4	7.0
290-310	2.7	5.3	7.0	2.2	1.2	.4						18.7	10.7	10.0
320-340	4.7	4.2	2.7	1.1	.2							12.9	7.4	7.0
VARIABLE														
CALM	////////////////////											10.2	////////	
TOTALS	25.8	36.7	20.2	4.9	1.6	.6						100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.2	1.5									5.9	7.1	7.0
020-040	1.5	2.6	.9									4.9	6.6	7.5
050-070	.6	1.2	.1									1.9	5.8	6.0
(E) 080-100	1.3	.3										1.6	3.8	4.0
110-130	.6	.6	.2									1.5	6.0	6.0
140-160	.8	1.4	.3									2.5	6.2	6.0
(S) 170-190	.8	1.1		.1								1.9	5.4	5.5
200-220	1.4	1.9	1.3	.1								4.7	6.7	7.0
230-250	3.1	4.5	1.7	.1		.2						9.7	6.8	6.0
(W) 260-280	3.9	8.9	7.7	1.5	.9	.1						23.0	9.1	8.5
290-310	1.9	4.2	9.0	4.5	1.4	.2						21.3	12.0	12.0
320-340	2.0	4.2	3.3	.8	.3	.1						10.8	8.7	7.5
VARIABLE														
CALM	////////////////////////////////////											10.2	////////	
TOTALS	19.1	34.1	26.0	7.1	2.6	.6						100.0	7.8	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.2	1.3									6.3	6.6	7.0
020-040	1.3	2.0	.4									3.8	6.3	7.0
050-070	1.3	.4	.2									1.9	4.6	3.0
(E) 080-100	.6	.3	.3									1.3	5.4	4.5
110-130	1.1	.8	.6	.3								2.8	7.8	6.5
140-160	1.6	1.0	.2									2.8	4.5	4.0
(S) 170-190	2.6	1.4	.2									4.2	4.3	4.0
200-220	3.1	2.5	.6									6.2	5.2	4.5
230-250	4.1	4.2	.4	.1								8.8	5.0	5.0
(W) 260-280	5.1	6.1	4.9	1.0	.4	.1						17.6	8.0	8.0
290-310	2.8	8.8	6.7	2.7	1.0	.3						22.3	10.1	9.0
320-340	2.6	2.9	2.2	1.1	.2	.1						9.0	8.8	8.0
VARIABLE														
CALM	////////////////////											12.9	////////	
TOTALS	28.0	33.6	18.0	5.2	1.6	.5						100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.2	3.0	1.0									6.1	6.4	6.0
020-040	1.8	2.2	.5									4.5	5.7	6.0
050-070	.4	.3										.8	3.7	4.0
(E) 080-100	.6	.4	.6	.1								1.8	6.9	6.0
110-130	.4	.6	1.0	.1								2.2	8.2	9.0
140-160	1.6	.3	.2	.1	.1							2.4	5.4	3.5
(S) 170-190	4.4	.9	.1									5.4	3.7	4.0
200-220	4.6	2.5	.5									7.6	4.3	4.0
230-250	5.4	5.1	1.4	.2								12.0	5.7	5.0
(W) 260-280	5.2	5.4	2.3	1.2	.3							14.3	7.2	6.0
290-310	4.4	6.7	5.9	1.9	.6	.1						19.7	8.9	8.0
320-340	2.5	2.8	1.7	.5	.2	.1						7.8	7.9	7.0
VARIABLE														
CALM	////////////////////////////////////											15.4	////////////////////////////////	
TOTALS	33.5	30.2	15.2	4.1	1.2	.2						100.0	5.7	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.5	2.2	.5	.2								4.4	6.7	6.0
020-040	1.6	2.7	.8									5.1	6.3	6.0
050-070	.4	.2	.1									.8	4.3	3.0
(E) 080-100	.2	.9	.5									1.6	7.1	7.0
110-130	.1	.3	.3		.1							.9	9.3	9.5
140-160	.5	.2	.4	.1	.1							1.4	8.5	6.0
(S) 170-190	2.9	.9	.3		.1							4.2	4.6	4.0
200-220	4.7	2.3	.2	.1								7.3	4.5	4.0
230-250	6.2	6.3	2.0									14.6	5.7	5.0
(W) 260-280	7.8	5.4	1.6	1.0								15.8	5.8	5.0
290-310	4.4	7.2	4.2	1.1	1.1	.1						18.1	8.5	8.0
320-340	4.9	2.6	1.6	.9	.2							10.2	6.9	5.0
VARIABLE														
CALM	////////////////////////////////////											15.7	////////////////////////////////	
TOTALS	35.2	31.2	12.5	3.4	1.6	.1						100.0	5.5	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	3.7	1.0	.1								6.9	6.4	6.0
020-040	1.4	2.4	.8	.0								4.6	6.5	7.0
050-070	.6	.5	.2	.0								1.3	5.8	5.0
(E) 080-100	.4	.5	.3	.0								1.3	6.5	6.0
110-130	.4	.3	.4	.1	.0							1.2	7.7	8.0
140-160	.9	.5	.2	.1	.0							1.7	5.9	4.0
(S) 170-190	1.9	1.0	.2	.0	.0							3.1	4.5	4.0
200-220	3.3	2.6	.7	.0								6.6	5.1	4.0
230-250	5.3	5.3	1.7	.1		.0						12.4	5.7	5.0
(W) 260-280	6.2	6.7	3.0	.9	.3	.1						17.1	7.0	6.0
290-310	4.0	6.5	5.6	2.3	.9	.1						19.5	9.4	9.0
320-340	3.4	3.2	2.1	.8	.2	.0						9.8	7.7	6.0
VARIABLE														
CALM	////////////////////											14.5	////////	
TOTALS	29.9	33.2	16.2	4.4	1.4	.2						100.0	6.1	6.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		4.2	11.3	3.0	.1								18.6	6.8	7.0
020-040		2.4	6.6	3.2	.1								12.3	7.4	8.0
050-070		1.3	1.5	1.2	.1								4.2	7.1	7.0
(E) 080-100		.7	1.6	2.0	.2								4.6	8.2	9.0
110-130		.5	1.0	2.0	.5	.1							4.2	10.1	10.0
140-160		.8	1.3	1.1	.5	.2							4.0	9.6	8.0
(S) 170-190		1.2	1.7	.6	.1	.1							3.8	6.7	6.0
200-220		2.1	1.7	.7									4.6	5.8	5.0
230-250		2.1	1.4										3.6	4.0	3.0
(W) 260-280		2.0	1.1	.2									3.4	4.2	4.0
290-310		1.5	1.9	.4	1.0	.1							5.0	7.9	6.0
320-340		5.0	5.0	1.3	1.0	.1							12.4	6.7	5.0
VARIABLE															
CALM		////////////////////////////////////											19.4	////////////////////////////////	
TOTALS		23.8	36.1	15.7	3.6	.6							100.0	5.7	7.0

TOTAL NUMBER OF OBSERVATIONS 980

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	2.4	.9	.1	.0							5.6	6.2	6.0
020-040	1.9	2.4	1.0	.1	.0							5.5	6.5	6.0
050-070	1.5	1.6	.6	.2	.0	.0						3.9	6.5	6.0
(E) 080-100	1.3	1.4	.4	.0	.0	.0						3.1	5.7	5.0
110-130	1.7	2.2	.4	.1	.0	.0	.0					4.4	5.8	5.0
140-160	2.6	3.0	.8	.1	.0	.0						6.6	5.9	5.0
(S) 170-190	2.3	1.5	.3	.0	.0	.0						4.1	4.8	4.0
200-220	3.1	2.5	.5	.0	.0							6.2	5.1	4.0
230-250	4.7	3.8	.9	.1	.0	.0						9.5	5.2	5.0
(W) 260-280	5.3	5.6	2.4	.5	.1	.0						14.0	6.5	6.0
290-310	3.9	4.8	4.0	1.3	.3	.0	.0					14.3	8.3	8.0
320-340	3.0	2.8	1.7	.5	.1	.0						8.0	6.9	6.0
VARIABLE														
CALM	////////////////////											14.9	////////	
TOTALS	33.4	34.0	13.9	3.0	.5							100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS: 87667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	4.2	6.1	2.6	.3	.0						13.3	6.7	6.0
020-040	4.9	7.7	4.1	.7	.1						17.5	7.3	7.0
050-070	4.1	5.8	2.5	.7	.2	.0					13.4	7.2	6.0
(E) 080-100	3.0	2.6	1.3	.3	.0	.0					7.2	6.3	5.0
110-130	2.6	2.6	1.1	.3	.1	.0	.0				6.7	6.7	6.0
140-160	2.7	2.7	1.2	.5	.2	.0					7.2	7.1	6.0
(S) 170-190	1.8	1.3	.4	.1	.0	.0					3.7	5.6	5.0
200-220	1.7	1.0	.2	.0	.0						3.0	4.9	4.0
230-250	1.8	.8	.1								2.6	4.0	3.0
(W) 260-280	1.8	.8	.1	.0							2.7	4.1	4.0
290-310	1.5	.8	.3	.2	.0	.0					2.9	5.8	4.0
320-340	3.1	2.9	1.1	.2	.0						7.2	6.1	5.0
VARIABLE													
CALM	////////////////////										12.6	////////	
TOTALS	33.2	35.1	15.0	3.3	.6						100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS: 11899

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 20000	64.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	65.2	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	65.3	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 14000	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	66.6	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 10000	68.4	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 9000	68.6	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 8000	72.5	72.9	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	73.2	73.7	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000	74.1	74.5	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 5000	75.4	75.8	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4500	77.4	78.1	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	79.5	80.1	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	80.5	81.2	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3000	82.5	83.1	84.2	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500	83.1	83.9	84.9	85.2	85.4	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	83.9	84.7	85.8	86.1	86.3	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	84.0	84.8	86.1	86.5	86.7	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1500	84.3	85.3	86.6	86.9	87.2	87.2	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	84.7	85.8	87.1	87.7	88.3	88.3	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	85.4	86.6	88.0	88.7	89.4	89.4	89.5	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	85.7	87.0	88.8	89.8	90.4	90.4	90.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	85.9	87.2	89.0	90.1	90.9	90.9	91.1	92.0	92.0	92.4	92.6	92.7	92.7	92.7	92.7	92.7
GE 700	86.2	87.5	89.4	90.5	91.3	91.3	91.5	92.8	92.8	93.1	93.5	93.7	93.7	93.7	93.7	93.7
GE 600	86.3	87.6	89.5	90.6	91.5	91.6	91.8	93.1	93.1	93.4	93.9	94.0	94.0	94.0	94.0	94.0
GE 500	86.7	88.2	90.2	91.4	92.8	93.0	93.3	94.8	94.9	95.4	95.9	96.0	96.0	96.0	96.0	96.0
GE 400	86.8	88.3	90.3	91.5	93.1	93.4	93.8	95.3	95.4	95.9	96.7	96.8	97.0	97.1	97.1	97.1
GE 300	86.8	88.4	90.4	91.6	93.4	94.1	94.6	96.2	96.5	97.0	98.0	98.1	98.3	98.4	98.4	98.4
GE 200	86.8	88.4	90.4	91.6	93.4	94.2	94.7	96.3	96.8	97.3	98.3	98.4	98.6	98.7	98.9	98.9
GE 100	86.8	88.4	90.4	91.6	93.4	94.2	94.8	96.5	96.9	97.4	98.6	98.7	99.1	99.4	100.0	100.0
GE 000	86.8	88.4	90.4	91.6	93.4	94.2	94.8	96.5	96.9	97.4	98.6	98.7	99.1	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 03 05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.1	57.7	57.8	57.8	57.8	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
GE 20000	62.2	62.8	62.9	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
GE 18000	62.5	63.1	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5
GE 16000	62.6	63.2	63.3	63.3	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7
GE 14000	63.3	64.0	64.1	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 12000	64.1	64.7	64.8	64.8	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2
GE 10000	66.0	66.8	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
GE 9000	66.6	67.3	67.5	67.5	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8
GE 8000	70.2	71.0	71.3	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
GE 7000	71.1	72.2	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
GE 6000	71.8	72.9	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
GE 5000	72.6	73.7	74.0	74.0	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
GE 4500	74.5	75.7	76.1	76.1	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
GE 4000	77.5	79.1	79.7	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
GE 3500	79.4	81.1	81.6	81.9	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
GE 3000	81.3	83.1	83.8	84.1	84.5	84.6	84.7	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1
GE 2500	82.5	84.4	85.2	85.5	86.0	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
GE 2000	83.2	85.2	85.9	86.2	86.8	87.0	87.1	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
GE 1800	83.4	85.4	86.1	86.5	87.0	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
GE 1500	83.5	85.5	86.3	86.8	87.3	87.6	88.0	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
GE 1200	84.0	85.9	87.0	87.4	88.0	88.4	88.7	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8
GE 1000	85.1	87.1	88.2	88.7	89.4	89.8	90.2	91.2	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6
GE 900	85.7	87.7	88.9	89.6	90.2	90.6	91.1	92.0	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 800	85.7	87.7	88.9	89.8	90.5	91.1	91.5	92.5	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 700	85.7	88.0	89.4	90.4	91.3	92.0	92.5	93.4	93.7	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 600	85.7	88.0	89.5	90.5	91.4	92.4	92.8	93.8	94.0	94.6	94.9	94.9	95.1	95.1	95.1	95.1
GE 500	85.8	88.1	89.6	90.8	91.8	93.0	93.4	94.4	94.6	95.3	95.6	95.6	95.9	95.9	95.9	95.9
GE 400	86.0	88.3	89.9	91.3	92.7	93.9	94.5	95.5	95.9	96.8	97.2	97.2	97.7	97.7	97.7	97.7
GE 300	86.0	88.3	90.0	91.4	92.8	94.6	95.4	96.5	96.9	98.0	98.4	98.4	99.0	99.0	99.0	99.0
GE 200	86.0	88.3	90.0	91.4	92.8	94.6	95.5	96.7	97.1	98.2	98.6	98.6	99.5	99.5	99.5	99.5
GE 100	86.0	88.3	90.0	91.4	92.8	94.6	95.5	96.7	97.1	98.3	98.7	98.7	99.6	100.0	100.0	100.0
GE 000	86.0	88.3	90.0	91.4	92.8	94.6	95.5	96.7	97.1	98.3	98.7	98.7	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.4	52.2	52.6	53.0	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	57.4	58.4	59.1	59.6	59.9	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
GE 18000	58.0	58.9	59.7	60.1	60.4	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
GE 16000	58.3	59.2	60.0	60.4	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
GE 14000	58.6	59.6	60.3	60.8	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
GE 12000	60.1	61.1	61.8	62.3	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
GE 10000	62.8	64.1	64.9	65.4	65.7	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1
GE 9000	63.3	64.6	65.5	65.9	66.2	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
GE 8000	65.8	67.4	68.3	68.7	69.1	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
GE 7000	66.9	68.6	69.6	70.0	70.4	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0
GE 6000	68.1	69.9	71.0	71.5	71.9	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5
GE 5000	69.6	71.4	72.6	73.1	73.5	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
GE 4500	72.3	74.3	75.6	76.2	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 4000	73.9	76.1	77.5	78.3	78.7	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 3500	75.7	78.0	79.6	80.5	81.1	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7
GE 3000	77.5	79.8	81.5	82.7	83.7	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
GE 2500	78.8	81.3	83.0	84.2	85.5	85.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
GE 2000	80.4	82.9	84.6	85.8	87.2	87.5	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
GE 1800	81.0	83.4	85.2	86.3	87.7	88.2	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1
GE 1500	81.4	83.9	85.6	86.8	88.2	88.7	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
GE 1200	81.8	84.4	86.1	87.4	88.8	89.5	90.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
GE 1000	81.9	84.5	86.2	87.5	88.9	89.6	90.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
GE 900	82.5	85.1	86.9	88.2	89.6	90.2	90.8	91.6	91.6	91.8	92.0	92.0	92.3	92.4	92.4	92.5
GE 800	82.7	85.3	87.1	88.4	90.0	90.8	91.4	92.3	92.4	92.6	93.0	93.0	93.3	93.4	93.4	93.5
GE 700	82.8	85.5	87.3	88.6	90.2	91.0	91.7	92.8	93.0	93.2	93.8	93.8	94.1	94.2	94.2	94.3
GE 600	82.8	85.5	87.3	88.6	90.3	91.2	92.2	93.2	93.4	94.0	94.6	94.6	95.1	95.2	95.2	95.3
GE 500	82.9	85.6	87.6	89.0	90.9	92.0	93.1	94.3	94.5	95.1	95.7	95.7	96.2	96.3	96.3	96.5
GE 400	82.9	85.6	87.6	89.0	90.9	92.0	93.1	94.6	94.9	95.5	96.1	96.3	97.1	97.2	97.3	97.4
GE 300	82.9	85.6	87.6	89.1	91.0	92.2	93.3	94.8	95.4	96.3	97.2	97.4	98.2	98.4	98.5	98.6
GE 200	82.9	85.6	87.6	89.1	91.0	92.2	93.3	94.9	95.6	96.8	97.7	98.0	99.2	99.5	99.8	100.0
GE 100	82.9	85.6	87.6	89.1	91.0	92.2	93.3	94.9	95.6	96.8	97.7	98.0	99.2	99.5	99.8	100.0
GE 000	82.9	85.6	87.6	89.1	91.0	92.2	93.3	94.9	95.6	96.8	97.7	98.0	99.2	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	50.3	50.4	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	56.3	57.0	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 18000	56.8	57.4	57.7	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	56.9	57.5	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	57.5	58.2	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	59.1	59.8	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 10000	61.8	62.6	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 9000	63.0	63.8	64.1	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	67.0	68.3	68.9	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	67.7	69.0	69.7	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	68.7	70.2	71.0	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	69.9	71.4	72.3	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4500	71.0	72.7	73.7	74.2	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4000	73.7	75.6	76.8	77.5	77.7	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	75.2	77.1	78.3	79.1	79.9	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	76.5	78.5	79.9	80.8	81.9	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	77.8	79.9	81.3	82.3	83.7	84.1	84.6	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	78.9	81.0	82.4	83.3	84.7	85.2	85.9	86.3	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	79.4	81.4	82.8	83.8	85.2	85.6	86.3	86.8	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	80.5	82.6	84.0	85.1	86.6	87.2	88.0	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	81.4	83.5	84.9	86.0	87.5	88.5	89.4	89.8	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	82.3	84.4	85.8	86.9	88.5	89.6	90.5	91.2	91.2	91.7	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	82.3	84.4	86.0	87.2	88.8	90.0	91.0	91.8	91.8	92.7	93.3	93.3	93.5	93.5	93.5	93.5
GE 800	82.3	84.4	86.0	87.2	88.8	90.0	91.0	91.9	91.9	93.0	93.7	93.7	93.9	93.9	93.9	93.9
GE 700	82.4	84.5	86.2	87.4	89.1	90.4	91.5	92.5	92.5	93.5	94.2	94.2	94.4	94.4	94.4	94.4
GE 600	82.4	84.5	86.2	87.4	89.1	90.5	91.9	93.1	93.2	94.4	95.1	95.1	95.6	95.7	95.7	95.7
GE 500	82.4	84.5	86.2	87.4	89.1	90.5	92.0	93.3	93.4	94.7	95.6	95.6	96.1	96.3	96.3	96.3
GE 400	82.4	84.5	86.2	87.5	89.2	90.9	92.4	93.7	93.8	95.2	96.3	96.3	97.0	97.2	97.2	97.2
GE 300	82.4	84.5	86.2	87.5	89.4	91.3	93.0	94.5	94.6	96.0	97.4	97.4	98.1	98.3	98.4	98.6
GE 200	82.4	84.5	86.2	87.5	89.4	91.3	93.0	94.5	94.8	96.2	97.6	97.6	98.3	98.5	99.0	99.4
GE 100	82.4	84.5	86.2	87.5	89.4	91.3	93.0	94.5	94.8	96.2	97.6	97.6	98.3	98.5	99.6	100.0
GE 000	82.4	84.5	86.2	87.5	89.4	91.3	93.0	94.5	94.8	96.2	97.6	97.6	98.3	98.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 18000	54.8	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 16000	54.8	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 14000	56.2	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	57.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 10000	60.5	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 9000	61.6	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 8000	65.8	66.2	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 7000	67.3	67.7	68.6	68.8	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	69.1	69.6	70.4	70.6	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 5000	70.1	70.5	71.5	71.7	72.0	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	72.2	72.6	73.5	73.9	74.2	74.4	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4000	73.4	73.9	74.9	75.3	75.6	75.8	75.9	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3500	75.3	75.8	77.0	77.3	77.7	78.2	78.3	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3000	77.5	78.2	79.5	79.8	80.3	80.8	80.9	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	79.0	79.7	81.0	81.3	82.0	82.6	82.7	82.9	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4
GE 2000	80.2	81.0	82.4	82.7	83.7	84.2	84.5	84.9	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	80.4	81.2	82.6	82.9	83.9	84.4	84.7	85.2	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	81.9	82.9	84.3	84.7	86.1	86.7	87.1	87.6	87.8	88.6	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	83.5	84.5	86.1	86.9	88.5	89.0	89.5	90.1	90.3	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	83.9	84.8	86.5	87.2	88.9	89.6	90.4	91.3	91.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9
GE 900	83.9	84.9	86.6	87.3	89.0	89.9	91.0	92.2	92.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8
GE 800	84.0	85.1	86.8	87.7	89.6	90.4	91.5	92.7	92.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3
GE 700	84.0	85.1	86.9	88.0	89.8	90.8	91.9	93.1	93.3	94.5	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	84.0	85.1	87.0	88.2	90.0	91.0	92.3	93.7	93.9	95.1	95.6	95.6	95.7	95.7	95.7	95.7
GE 500	84.0	85.1	87.1	88.3	90.1	91.4	92.9	94.5	94.7	95.9	96.6	96.6	96.9	96.9	97.0	97.0
GE 400	84.0	85.1	87.1	88.4	90.4	91.8	93.4	95.2	95.5	96.8	97.5	97.5	97.8	97.8	98.0	98.0
GE 300	84.0	85.1	87.1	88.4	90.5	92.2	94.0	95.8	96.1	97.4	98.2	98.2	98.6	98.7	98.8	98.9
GE 200	84.0	85.1	87.1	88.4	90.5	92.2	94.0	95.9	96.2	97.5	98.3	98.3	98.8	98.9	99.4	99.5
GE 100	84.0	85.1	87.1	88.4	90.5	92.2	94.0	95.9	96.2	97.5	98.3	98.3	98.8	98.9	99.4	100.0
GE 000	84.0	85.1	87.1	88.4	90.5	92.2	94.0	95.9	96.2	97.5	98.3	98.3	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 16000	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 14000	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 12000	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 10000	63.4	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 9000	64.3	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	67.3	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000	69.6	70.1	70.3	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	71.0	71.5	71.7	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	72.4	72.9	73.1	73.4	73.4	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	73.9	74.4	74.6	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	74.9	75.5	75.8	76.2	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3500	76.8	77.3	77.7	78.2	78.3	78.3	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3000	79.6	80.1	80.9	81.4	81.7	81.9	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	80.9	81.4	82.2	82.8	83.1	83.5	83.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	81.9	82.5	83.3	84.1	84.6	85.1	85.5	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1800	82.0	82.7	83.5	84.3	84.8	85.3	85.8	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	82.9	83.5	84.6	85.4	86.0	86.5	87.2	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	84.1	84.8	85.9	86.7	87.8	88.5	89.6	90.6	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	84.4	85.2	86.2	87.0	88.2	88.9	90.3	91.6	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	84.5	85.3	86.3	87.3	88.6	89.5	91.0	92.4	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	84.5	85.3	86.5	87.5	88.9	89.8	91.4	92.8	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	84.5	85.3	86.6	87.8	89.2	90.1	91.7	93.1	93.5	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	84.5	85.3	86.6	87.8	89.2	90.1	91.7	93.2	93.7	94.4	94.5	94.6	94.6	94.7	94.7	94.7
GE 500	84.5	85.3	86.6	87.8	89.4	90.5	92.3	94.1	94.9	95.9	96.2	96.3	96.5	96.6	96.6	96.6
GE 400	84.5	85.3	86.6	87.8	89.4	91.0	92.7	94.5	95.4	96.5	96.8	97.0	97.2	97.3	97.3	97.3
GE 300	84.5	85.3	86.7	88.2	89.7	91.3	93.0	94.8	95.7	97.1	97.5	97.8	98.1	98.2	98.2	98.2
GE 200	84.5	85.3	86.7	88.2	89.7	91.3	93.0	94.8	95.8	97.2	97.7	98.1	98.4	98.6	98.7	98.7
GE 100	84.5	85.3	86.7	88.2	89.7	91.3	93.0	94.8	95.8	97.2	97.8	98.2	98.6	98.9	99.6	99.8
GE 000	84.5	85.3	86.7	88.2	89.7	91.3	93.0	94.8	95.8	97.2	97.8	98.2	98.6	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.8	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	61.1	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	61.6	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 16000	61.7	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	61.7	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	62.6	62.6	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 10000	65.6	65.6	65.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	65.8	65.8	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	69.6	69.6	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	70.8	70.8	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 6000	72.4	72.4	72.8	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 5000	73.5	73.5	74.0	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	75.6	75.6	76.0	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000	76.9	77.0	77.4	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	79.2	79.6	80.0	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	81.8	82.2	83.1	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3
GE 2500	82.7	83.2	84.2	84.5	84.8	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5
GE 2000	83.7	84.4	85.5	85.8	86.1	86.3	86.5	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2
GE 1800	83.7	84.4	85.5	85.8	86.1	86.3	86.5	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2
GE 1500	83.9	84.7	85.8	86.1	86.9	87.1	87.2	87.6	87.7	87.7	87.7	87.7	87.8	87.8	88.1	88.1
GE 1200	85.1	85.9	87.2	87.8	88.8	89.5	89.7	90.2	90.3	90.3	90.4	90.5	90.5	90.5	90.8	90.8
GE 1000	85.6	86.5	88.0	88.7	89.8	90.5	90.8	91.4	91.5	91.7	91.9	92.0	92.2	92.2	92.4	92.4
GE 900	85.9	86.8	88.3	89.0	90.1	91.0	91.2	91.9	92.0	92.3	92.5	92.6	92.7	92.7	92.9	92.9
GE 800	86.0	87.0	88.6	89.4	90.4	91.3	91.9	92.8	93.0	93.2	93.4	93.5	93.7	93.7	93.9	93.9
GE 700	86.1	87.1	88.7	89.8	90.9	91.7	92.4	93.2	93.5	93.8	94.0	94.1	94.2	94.2	94.4	94.4
GE 600	86.2	87.2	88.8	90.2	91.4	92.3	93.1	94.2	94.5	94.7	95.2	95.3	95.4	95.4	95.6	95.6
GE 500	86.2	87.2	88.8	90.2	91.6	92.7	93.5	94.6	95.1	95.6	96.1	96.2	96.6	96.7	96.9	96.9
GE 400	86.2	87.2	88.8	90.2	91.6	92.9	93.8	95.1	95.7	96.3	96.9	97.0	97.3	97.4	97.6	97.6
GE 300	86.2	87.2	88.8	90.2	91.9	93.2	94.2	95.6	96.2	97.2	97.7	97.8	98.2	98.4	98.7	98.7
GE 200	86.2	87.2	88.8	90.2	91.9	93.2	94.2	95.6	96.5	97.5	98.2	98.3	98.7	98.9	99.4	99.4
GE 100	86.2	87.2	88.8	90.2	91.9	93.2	94.2	95.6	96.5	97.8	98.5	98.6	99.1	99.4	99.9	100.0
GE 000	86.2	87.2	88.8	90.2	91.9	93.2	94.2	95.6	96.5	97.8	98.5	98.6	99.1	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.4	61.5	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 20000	65.6	65.7	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	66.0	66.1	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	66.1	66.2	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	66.5	66.6	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	66.8	66.9	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 10000	69.6	69.7	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	69.9	70.0	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	71.7	71.8	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 7000	72.5	72.6	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	73.1	73.2	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	7.0	74.0	74.0	74.0	74.0	74.0
GE 5000	74.4	74.7	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4500	75.9	76.2	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4000	78.0	78.5	79.0	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500	79.6	80.1	80.8	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	82.2	82.7	83.7	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	83.5	84.2	85.3	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	84.3	85.2	86.3	86.6	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	84.4	85.3	86.5	86.7	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1500	84.8	85.7	86.9	87.1	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1200	85.5	86.3	87.5	88.0	89.1	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	85.7	86.6	87.7	88.3	89.5	89.6	89.7	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 900	85.9	86.9	88.1	88.9	90.3	90.4	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	86.1	87.1	88.5	89.5	91.1	91.2	91.3	91.8	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 700	86.1	87.1	88.5	89.6	91.2	91.3	91.4	91.9	91.9	92.3	92.5	92.5	92.5	92.5	92.5	92.5
GE 600	86.7	87.7	89.1	90.2	91.8	91.9	92.0	92.7	92.8	93.3	93.8	93.9	93.9	93.9	93.9	93.9
GE 500	86.7	87.7	89.1	90.2	92.3	92.4	92.7	93.5	93.7	94.5	95.2	95.3	95.5	95.8	95.8	95.8
GE 400	86.7	87.7	89.2	90.3	92.5	92.6	93.0	94.0	94.1	95.1	95.7	95.8	96.1	96.5	96.5	96.5
GE 300	86.7	87.7	89.2	90.5	92.9	93.0	93.9	94.9	95.2	96.3	97.2	97.3	97.6	98.0	98.0	98.1
GE 200	86.7	87.7	89.2	90.8	93.2	93.3	94.4	95.5	95.8	97.1	98.0	98.1	98.5	99.0	99.0	99.1
GE 100	86.7	87.7	89.2	90.8	93.2	93.3	94.4	95.6	95.9	97.4	98.4	98.5	98.9	99.5	99.7	100.0
GE 000	86.7	87.7	89.2	90.8	93.2	93.3	94.4	95.6	95.9	97.4	98.4	98.5	98.9	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	55.1	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	59.9	60.2	60.4	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 18000	60.2	60.6	60.8	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000	60.3	60.7	60.9	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	60.9	61.3	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	62.1	62.5	62.8	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 10000	64.8	65.3	65.5	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	65.4	65.9	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
GE 8000	68.7	69.4	69.9	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	69.9	70.6	71.1	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	71.0	71.8	72.3	72.5	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	72.2	73.0	73.6	73.8	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4500	74.1	74.9	75.6	75.9	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4000	76.0	77.0	77.7	78.1	78.4	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	77.7	78.8	79.6	80.1	80.4	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	79.9	81.0	82.1	82.6	83.1	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
GE 2500	81.0	82.2	83.4	83.9	84.6	84.8	85.0	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	82.1	83.3	84.5	85.1	85.8	86.1	86.4	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	82.3	83.6	84.8	85.3	86.1	86.4	86.7	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4
GE 1500	82.9	84.3	85.5	86.1	87.1	87.4	87.8	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6
GE 1200	83.8	85.2	86.5	87.2	88.4	88.9	89.3	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4
GE 1000	84.3	85.7	87.1	87.9	89.1	89.6	90.2	91.0	91.1	91.4	91.6	91.6	91.6	91.6	91.7	91.7
GE 900	84.5	86.0	87.5	88.4	89.6	90.3	90.9	91.8	91.9	92.3	92.5	92.5	92.6	92.6	92.6	92.6
GE 800	84.7	86.1	87.7	88.7	90.0	90.7	91.4	92.4	92.5	93.0	93.2	93.3	93.4	93.4	93.4	93.4
GE 700	84.7	86.3	87.9	89.0	90.4	91.1	91.8	92.9	93.0	93.6	94.0	94.0	94.1	94.1	94.1	94.1
GE 600	84.8	86.4	88.0	89.2	90.6	91.4	92.2	93.4	93.6	94.2	94.7	94.7	94.9	94.9	95.0	95.0
GE 500	84.9	86.5	88.2	89.4	91.0	91.9	92.9	94.2	94.5	95.3	95.9	95.9	96.2	96.3	96.4	96.4
GE 400	84.9	86.5	88.2	89.5	91.2	92.3	93.3	94.7	95.1	96.0	96.7	96.7	97.2	97.3	97.3	97.4
GE 300	84.9	86.5	88.3	89.6	91.5	92.7	93.9	95.4	95.8	96.9	97.7	97.8	98.3	98.4	98.5	98.6
GE 200	84.9	86.5	88.3	89.7	91.5	92.8	94.0	95.5	96.1	97.2	98.1	98.2	98.8	99.0	99.2	99.3
GE 100	84.9	86.5	88.3	89.7	91.5	92.8	94.0	95.6	96.1	97.3	98.2	98.3	99.0	99.2	99.7	100.0
GE 000	84.9	86.5	88.3	89.7	91.5	92.8	94.0	95.6	96.1	97.3	98.2	98.3	99.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 18000	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 16000	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 14000	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 12000	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 10000	62.9	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	63.7	64.4	64.4	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	67.1	67.8	67.8	68.0	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000	68.0	68.7	68.9	69.1	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	68.4	69.1	69.4	69.6	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	69.1	69.8	70.3	70.6	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	70.4	71.1	71.8	72.1	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	72.0	72.7	73.4	73.6	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	73.6	74.3	75.0	75.4	75.6	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000	75.9	77.0	77.7	78.1	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2500	77.5	78.9	79.7	80.1	80.6	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	79.6	81.3	82.1	82.7	83.2	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1800	80.0	81.6	82.4	83.2	83.6	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500	80.4	82.2	83.0	83.9	84.6	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1200	81.3	83.0	83.9	84.9	85.9	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
GE 1000	81.4	83.2	84.0	85.3	86.2	86.3	86.8	86.9	86.9	87.0	87.0	87.0	87.2	87.2	87.2	87.2
GE 900	81.6	83.4	84.3	85.7	86.7	86.8	87.3	87.4	87.5	87.6	87.6	87.6	87.8	87.8	87.8	87.8
GE 800	82.0	83.7	84.9	86.5	87.6	87.8	88.3	88.5	88.6	88.7	88.8	88.8	88.9	88.9	89.0	89.0
GE 700	82.1	83.9	85.2	86.9	88.2	88.7	89.3	89.4	89.5	89.6	89.8	89.8	89.9	89.9	90.1	90.1
GE 600	82.1	83.9	85.4	87.2	88.8	89.5	90.5	90.8	90.9	91.0	91.2	91.2	91.3	91.3	91.5	91.5
GE 500	82.2	84.0	85.6	87.9	89.8	90.5	91.4	91.8	91.9	92.0	92.1	92.1	92.2	92.2	92.5	92.5
GE 400	82.3	84.2	86.0	88.5	91.0	91.8	92.9	93.6	94.1	94.5	95.1	95.1	95.5	95.5	95.8	95.8
GE 300	82.4	84.3	86.1	88.8	91.4	92.1	93.5	94.3	94.8	95.2	96.0	96.0	96.7	96.7	97.1	97.1
GE 200	82.6	84.5	86.2	88.9	91.5	92.2	93.6	94.5	94.9	95.6	96.8	96.8	97.5	97.5	98.1	98.5
GE 100	82.6	84.5	86.2	88.9	91.5	92.2	93.6	94.5	94.9	95.6	96.8	96.8	98.0	98.0	99.1	100.0
GE 000	82.6	84.5	86.2	88.9	91.5	92.2	93.6	94.5	94.9	95.6	96.8	96.8	98.0	98.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	53.7	53.8	54.1	54.1	54.3	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	58.5	59.0	59.1	59.4	59.4	59.6	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	58.5	59.0	59.1	59.4	59.4	59.6	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	58.8	59.2	59.4	59.6	59.6	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 14000	59.0	59.5	59.6	59.8	59.8	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 12000	59.4	59.8	60.0	60.2	60.2	60.4	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	61.7	62.4	62.5	62.8	62.8	63.0	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 9000	62.5	63.3	63.4	63.6	63.6	63.8	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	66.0	66.7	66.8	67.0	67.0	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 7000	66.5	67.3	67.5	67.7	67.7	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	67.3	68.0	68.2	68.4	68.4	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	68.7	69.4	69.6	69.8	69.8	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	70.1	70.9	71.1	71.4	71.4	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4000	71.6	72.4	72.8	73.0	73.0	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3500	72.7	73.5	73.9	74.2	74.2	74.4	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3000	75.0	76.2	76.8	77.1	77.1	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2500	76.2	77.6	78.3	78.7	79.0	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2000	78.3	80.1	81.3	81.6	82.1	82.4	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1800	78.3	80.1	81.4	81.7	82.4	82.8	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1500	78.4	80.3	81.6	82.0	82.7	83.0	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1200	79.3	81.3	82.7	83.2	84.0	84.3	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1000	79.7	82.0	84.0	84.5	85.5	85.9	86.6	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 900	80.1	82.3	84.5	84.9	86.0	86.3	87.0	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 800	80.4	82.7	85.2	85.9	87.2	87.5	88.3	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 700	80.7	82.9	85.4	86.2	87.8	88.5	89.4	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 600	80.7	82.9	85.6	86.5	88.5	89.2	90.2	90.6	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	80.7	83.0	85.9	86.9	89.3	90.3	91.5	92.1	92.1	92.3	92.7	92.7	92.7	92.7	92.9	92.9
GE 400	80.9	83.3	86.1	87.2	89.9	91.5	93.2	93.9	93.9	94.5	94.9	94.9	95.3	95.3	95.5	95.6
GE 300	81.3	83.6	86.5	87.5	90.2	92.0	93.9	94.9	95.1	95.8	96.5	96.5	97.1	97.1	97.3	97.5
GE 200	81.3	83.6	86.5	87.5	90.2	92.0	93.9	94.9	95.1	96.0	97.1	97.2	98.0	98.0	98.2	98.9
GE 100	81.3	83.6	86.5	87.5	90.2	92.0	93.9	94.9	95.1	96.0	97.2	97.3	98.2	98.2	99.1	100.0
GE 000	81.3	83.6	86.5	87.5	90.2	92.0	93.9	94.9	95.1	96.0	97.2	97.3	98.2	98.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.5	49.7	50.3	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	54.4	55.7	56.5	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 18000	55.0	56.3	57.1	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	55.0	56.3	57.1	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	55.7	57.0	57.8	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	57.2	58.5	59.4	59.7	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	59.1	60.9	61.7	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 9000	60.2	62.0	62.8	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	63.6	65.5	66.3	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 7000	64.4	66.4	67.3	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	65.6	67.6	68.4	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	66.9	69.0	70.0	70.3	70.4	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4500	69.0	71.3	72.2	72.7	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4000	70.4	72.8	73.7	74.2	74.4	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3500	71.1	73.6	74.7	75.1	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3000	71.5	74.0	75.3	75.7	76.2	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2500	72.9	75.6	76.9	77.5	78.0	78.2	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2000	75.5	78.4	79.7	80.6	81.0	81.3	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1800	75.6	78.6	80.0	80.9	81.5	81.7	82.1	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4
GE 1500	76.7	79.7	81.2	82.2	82.9	83.2	83.6	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0
GE 1200	77.3	80.3	81.9	82.9	83.7	84.1	84.6	84.7	84.8	84.9	85.0	85.0	85.2	85.2	85.2	85.2
GE 1000	78.2	81.4	83.3	84.3	85.6	86.0	86.6	86.8	86.9	87.5	87.8	87.8	88.0	88.0	88.0	88.0
GE 900	78.3	81.5	83.4	84.5	85.7	86.1	86.7	86.9	87.0	87.8	88.0	88.0	88.2	88.2	88.2	88.2
GE 800	78.9	82.1	84.1	85.5	86.9	87.3	87.9	88.2	88.3	89.2	89.4	89.4	89.6	89.6	89.6	89.6
GE 700	78.9	82.1	84.1	85.5	86.9	87.4	88.1	88.5	88.6	89.4	89.6	89.6	89.9	89.9	89.9	89.9
GE 600	79.0	82.2	84.5	86.0	87.8	88.3	89.2	89.6	89.8	90.8	91.2	91.2	91.4	91.5	91.5	91.5
GE 500	79.2	82.3	84.6	86.1	88.3	88.9	89.9	90.7	91.3	92.6	93.2	93.2	93.8	93.9	93.9	93.9
GE 400	79.2	82.3	84.6	86.1	88.7	89.4	91.2	92.2	92.9	94.2	94.8	94.8	95.4	95.5	95.6	95.6
GE 300	79.3	82.4	84.7	86.2	89.0	89.9	91.9	93.5	94.2	95.6	96.3	96.3	97.1	97.2	97.4	97.6
GE 200	79.3	82.4	84.7	86.2	89.0	89.9	91.9	93.6	94.3	95.9	97.1	97.1	98.6	98.7	98.9	99.8
GE 100	79.3	82.4	84.7	86.2	89.0	89.9	91.9	93.6	94.3	95.9	97.2	97.2	98.7	98.8	99.1	100.0
GE 000	79.3	82.4	84.7	86.2	89.0	89.9	91.9	93.6	94.3	95.9	97.2	97.2	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.2	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	57.7	58.4	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 18000	58.3	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 16000	58.3	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 14000	58.7	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 12000	60.1	60.8	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	62.4	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	63.3	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 8000	66.9	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000	68.1	68.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 6000	68.4	69.3	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	69.7	70.7	71.4	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	72.3	73.4	74.1	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4000	73.9	74.9	75.7	76.2	76.3	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3500	74.7	75.9	76.8	77.4	77.5	77.6	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	76.0	77.3	78.3	79.0	79.2	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7
GE 2500	78.2	79.7	80.9	81.7	82.3	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
GE 2000	79.2	80.8	82.0	82.8	83.5	83.6	83.7	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2
GE 1800	79.5	81.2	82.3	83.2	83.9	84.0	84.1	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7
GE 1500	80.6	82.3	83.7	84.7	85.4	85.5	85.6	86.1	86.2	86.6	86.6	86.6	86.7	86.7	86.7	86.7
GE 1200	80.7	82.7	84.1	85.2	85.9	86.1	86.2	86.7	86.8	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 1000	80.9	83.0	84.6	85.9	86.7	86.9	87.0	87.6	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 900	81.4	83.5	85.0	86.3	87.3	87.5	87.6	88.2	88.3	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 800	82.2	84.6	86.1	87.5	88.7	89.2	89.3	89.9	90.0	90.5	90.5	90.5	90.6	90.6	90.6	90.6
GE 700	82.2	84.6	86.1	87.5	88.9	89.4	89.5	90.1	90.2	90.7	90.7	90.7	90.8	90.8	90.8	90.8
GE 600	82.3	84.7	86.2	87.6	89.4	89.9	90.5	91.4	91.5	92.0	92.0	92.0	92.1	92.1	92.1	92.1
GE 500	82.3	84.7	86.3	87.8	89.6	90.1	90.8	91.9	92.0	92.6	93.2	93.2	93.4	93.4	93.4	93.4
GE 400	82.3	84.7	86.3	87.8	90.0	90.6	91.8	93.2	93.4	94.0	94.7	94.7	94.9	94.9	94.9	95.3
GE 300	82.3	84.7	86.3	87.8	90.2	90.8	92.1	93.6	94.0	94.9	95.6	95.6	96.0	96.2	96.7	97.1
GE 200	82.3	84.7	86.3	87.8	90.2	90.8	92.1	93.8	94.3	95.6	96.7	96.7	97.2	97.5	98.4	99.1
GE 100	82.3	84.7	86.3	87.8	90.2	90.8	92.1	93.8	94.3	95.6	96.7	96.8	97.5	97.9	98.8	100.0
GE 000	82.3	84.7	86.3	87.8	90.2	90.8	92.1	93.8	94.3	95.6	96.7	96.8	97.5	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	58.2	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 18000	59.7	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	59.8	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	60.3	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	61.7	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	65.0	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	65.1	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 8000	68.3	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	69.5	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	70.7	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	72.2	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	73.3	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	75.6	76.6	76.7	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	77.1	78.2	78.3	78.4	78.9	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	79.7	80.9	81.0	81.2	81.6	82.0	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	80.9	82.2	82.3	82.6	83.2	83.5	83.6	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	81.7	83.3	83.5	83.9	84.5	84.8	85.0	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	82.2	83.7	84.1	84.6	85.2	85.5	85.7	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	83.3	84.9	85.3	85.9	86.5	86.8	87.0	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	83.7	85.4	85.7	86.3	87.2	87.5	87.9	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	83.9	85.6	86.0	86.9	87.9	88.2	88.7	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 900	84.0	85.7	86.2	87.2	88.1	88.5	88.9	89.8	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	84.2	86.0	86.8	87.8	88.8	89.3	89.8	90.6	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 700	84.8	86.7	87.8	88.7	89.8	90.5	91.2	92.1	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	84.8	87.0	88.3	89.3	90.5	91.3	92.1	93.4	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 500	84.8	87.0	88.3	89.3	90.5	91.6	92.5	93.8	94.3	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	84.8	87.0	88.3	89.3	90.6	91.9	92.7	94.1	94.8	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 300	84.8	87.0	88.3	89.3	90.6	91.9	92.7	94.8	95.6	96.6	96.8	96.8	96.8	96.9	97.2	97.2
GE 200	84.8	87.0	88.3	89.3	90.6	91.9	92.7	95.1	96.0	96.9	97.3	97.3	97.3	97.4	97.9	98.1
GE 100	84.8	87.0	88.3	89.3	90.6	91.9	92.7	95.1	96.0	96.9	97.4	97.5	97.5	97.8	98.7	99.8
GE 000	84.8	87.0	88.3	89.3	90.6	91.9	92.7	95.1	96.0	96.9	97.4	97.5	97.5	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	60.4	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 10000	64.7	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	65.1	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	68.4	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 7000	70.2	70.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 6000	71.0	71.3	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	72.0	72.2	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4500	72.7	72.9	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	73.6	73.9	76.6	77.0	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	77.7	78.0	78.8	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	80.4	80.8	81.7	82.2	82.3	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	81.7	82.2	83.2	83.4	83.9	84.1	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2000	82.3	82.8	83.9	84.3	84.6	84.9	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	82.9	83.4	84.5	84.9	85.3	85.6	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	83.5	84.1	85.4	86.1	86.6	86.9	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 1200	84.0	84.7	86.2	87.2	87.6	88.1	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	84.2	84.9	86.5	87.4	88.1	88.7	89.3	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 900	84.5	85.2	86.7	87.9	88.6	89.2	89.9	90.2	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 800	84.7	85.6	87.2	88.3	89.0	89.6	90.3	90.8	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	84.8	85.9	87.5	89.0	90.0	91.0	91.9	92.3	92.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	84.8	85.9	87.6	89.3	90.5	91.5	92.5	93.3	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	84.8	85.9	87.6	89.5	90.7	91.8	92.8	94.0	94.5	94.8	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	84.8	85.9	87.9	89.8	91.0	92.2	93.6	94.9	95.4	96.0	96.5	96.5	96.6	96.6	96.6	96.6
GE 300	84.8	85.9	87.9	89.8	91.3	92.5	94.1	95.4	96.0	96.7	97.6	97.8	97.9	98.0	98.0	98.0
GE 200	84.8	85.9	87.9	89.8	91.3	92.5	94.2	95.5	96.5	97.2	98.1	98.2	98.5	98.6	98.8	98.9
GE 100	84.8	85.9	87.9	89.8	91.3	92.5	94.2	95.5	96.5	97.2	98.4	98.5	98.7	98.8	99.3	99.8
GE 000	84.8	85.9	87.9	89.8	91.3	92.5	94.2	95.5	96.5	97.2	98.4	98.5	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.1	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
GE 20000	59.4	59.7	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1
GE 18000	59.5	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2
GE 16000	59.5	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2
GE 14000	59.8	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5
GE 12000	60.9	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
GE 10000	64.2	64.7	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1
GE 9000	64.5	65.0	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5
GE 8000	68.4	68.9	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4
GE 7000	70.2	70.8	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4
GE 6000	70.3	70.9	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5
GE 5000	72.2	72.8	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
GE 4500	73.6	74.2	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0
GE 4000	75.3	76.2	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
GE 3500	78.0	79.0	79.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
GE 3000	79.2	80.2	80.3	81.4	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 2500	81.5	82.7	82.8	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5
GE 2000	82.3	83.5	83.7	84.9	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
GE 1800	82.3	83.5	83.7	85.0	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9
GE 1500	83.0	84.3	84.9	86.3	86.7	86.9	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
GE 1200	83.5	84.8	85.7	87.3	87.6	87.9	88.2	88.2	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.6
GE 1000	83.6	84.9	86.1	87.9	88.2	88.5	88.8	88.8	88.8	88.9	89.0	89.0	89.2	89.2	89.2	89.2
GE 900	83.6	84.9	86.1	87.9	88.2	88.5	88.8	88.8	88.8	88.9	89.0	89.0	89.2	89.2	89.2	89.2
GE 800	83.7	85.2	86.3	88.2	88.9	89.3	89.6	89.6	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1
GE 700	83.7	85.2	86.6	89.2	90.3	90.9	91.3	91.3	91.4	91.6	91.9	91.9	92.0	92.0	92.0	92.0
GE 600	83.7	85.2	86.9	89.9	91.5	92.2	92.8	93.1	93.2	93.4	93.6	93.6	93.8	93.8	93.8	93.8
GE 500	83.7	85.4	87.2	90.2	92.2	93.1	94.0	94.6	94.7	94.9	95.3	95.3	95.4	95.4	95.4	95.8
GE 400	83.7	85.4	87.2	90.5	92.7	93.6	94.9	95.6	95.8	96.0	96.3	96.3	96.5	96.5	96.5	96.8
GE 300	83.7	85.4	87.2	90.5	92.9	94.0	95.8	96.6	96.8	97.2	97.5	97.5	97.6	97.6	97.6	98.0
GE 200	83.7	85.4	87.2	90.5	92.9	94.1	95.9	96.7	96.9	97.3	97.8	97.9	98.1	98.1	98.5	99.2
GE 100	83.7	85.4	87.2	90.5	92.9	94.1	95.9	96.7	96.9	97.3	97.8	97.9	98.4	98.4	98.8	100.0
GE 000	83.7	85.4	87.2	90.5	92.9	94.1	95.9	96.7	96.9	97.3	97.8	97.9	98.4	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.5	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 20000	61.6	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 18000	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 14000	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 12000	62.2	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 10000	63.6	64.1	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	64.3	65.0	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 8000	67.1	67.8	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	68.4	69.1	69.3	69.3	69.5	69.5	69.5	69.5	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 6000	68.8	69.5	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	70.4	71.1	71.4	71.5	71.7	71.7	71.7	71.7	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	72.0	72.7	72.9	73.1	73.4	73.4	73.4	73.4	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	73.5	74.2	74.4	75.0	75.3	75.3	75.4	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	76.4	77.1	77.4	78.0	78.2	78.2	78.3	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3000	78.0	79.2	79.5	80.1	80.4	80.4	80.7	80.7	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	80.2	81.6	82.1	82.7	83.0	83.0	83.3	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2000	81.7	83.4	83.9	84.6	84.9	84.9	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	81.9	83.5	84.0	84.8	85.2	85.2	85.4	85.4	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	82.0	83.7	84.2	85.0	85.5	85.5	85.7	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	82.1	83.9	84.3	85.3	85.9	86.1	86.3	86.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1000	82.7	84.5	84.9	85.9	86.6	86.8	87.0	87.0	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 900	83.0	84.8	85.4	86.3	87.0	87.3	87.5	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 800	83.2	85.0	85.6	86.6	87.4	87.6	87.9	88.0	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	83.2	85.0	85.6	87.0	88.1	88.3	88.6	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 600	83.2	85.0	86.0	88.1	89.5	90.0	90.3	90.7	90.7	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 500	83.2	85.0	86.1	88.3	90.1	90.7	91.2	91.8	91.8	92.2	92.5	92.5	92.5	92.5	92.5	92.7
GE 400	83.2	85.4	86.6	89.0	91.4	92.2	93.1	93.6	94.1	94.9	95.4	95.4	95.5	95.5	95.5	95.8
GE 300	83.2	85.4	86.6	89.2	92.1	92.9	94.1	95.1	95.5	96.3	96.9	96.9	97.1	97.1	97.1	97.3
GE 200	83.2	85.4	86.6	89.2	92.2	93.2	94.3	95.5	96.0	96.9	97.6	97.6	97.8	98.0	98.0	98.9
GE 100	83.2	85.4	86.6	89.2	92.2	93.2	94.3	95.5	96.0	96.9	97.6	97.8	98.0	98.0	98.7	100.0
GE 000	83.2	85.4	86.6	89.2	92.2	93.2	94.3	95.5	96.0	96.9	97.6	97.8	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.0	52.5	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 20000	58.3	58.9	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 18000	58.8	59.3	59.5	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 16000	58.8	59.4	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 14000	59.2	59.7	59.9	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 12000	60.2	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	63.0	63.6	63.9	64.0	64.1	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	63.6	64.3	64.5	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 8000	67.0	67.7	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 7000	68.2	68.9	69.2	69.4	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	68.8	69.6	69.9	70.1	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	70.2	71.0	71.4	71.6	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	71.7	72.5	73.0	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000	73.5	74.5	75.0	75.4	75.6	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	75.2	76.2	76.8	77.3	77.4	77.5	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	77.0	78.2	78.8	79.4	79.6	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 2500	78.7	80.1	80.8	81.3	81.8	82.0	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	80.1	81.7	82.5	83.2	83.6	83.8	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1800	80.3	81.0	82.8	83.5	84.0	84.3	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1500	81.0	82.0	83.7	84.5	85.1	85.3	85.6	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	81.5	83.0	84.3	85.3	86.0	86.3	86.6	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	81.8	83.7	84.9	86.0	86.9	87.2	87.6	87.9	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4
GE 900	82.1	83.9	85.2	86.3	87.2	87.5	88.0	88.3	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 800	82.4	84.4	85.8	87.0	88.1	88.4	88.9	89.3	89.4	89.7	89.8	89.8	89.9	89.9	89.9	89.9
GE 700	82.6	84.5	86.0	87.5	88.8	89.3	89.9	90.3	90.4	90.8	90.9	90.9	90.9	90.9	91.0	91.0
GE 600	82.6	84.6	86.3	88.0	89.5	90.2	91.0	91.6	91.8	92.2	92.3	92.3	92.4	92.4	92.5	92.5
GE 500	82.6	84.7	86.5	88.3	90.1	90.9	91.8	92.6	92.8	93.3	93.7	93.7	93.8	93.8	93.9	93.9
GE 400	82.7	84.8	86.6	88.5	90.7	91.7	92.9	93.9	94.3	94.9	95.4	95.4	95.7	95.7	95.8	95.9
GE 300	82.7	84.8	86.7	88.6	91.0	92.0	93.5	94.8	95.3	96.0	96.7	96.7	97.0	97.1	97.3	97.5
GE 200	82.7	84.9	86.7	88.6	91.0	92.1	93.6	94.9	95.5	96.4	97.3	97.4	97.9	98.0	98.4	98.9
GE 100	82.7	84.9	86.7	88.6	91.0	92.1	93.6	94.9	95.5	96.4	97.4	97.5	98.1	98.2	98.9	99.9
GE 000	82.7	84.9	86.7	88.6	91.0	92.1	93.6	94.9	95.5	96.4	97.4	97.5	98.1	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.3	53.8	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	56.8	57.2	57.6	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	56.9	57.3	57.7	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	56.9	57.3	57.7	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	57.0	57.4	57.8	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	58.0	58.4	58.8	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 10000	60.1	60.5	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	60.2	60.6	61.1	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 8000	63.0	63.4	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 7000	64.7	65.2	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 6000	66.1	66.6	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	68.2	68.7	69.2	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4500	70.2	71.0	71.7	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	71.7	72.5	73.4	73.7	74.2	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3500	73.3	74.4	75.4	75.6	76.1	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	75.8	76.9	78.1	78.3	78.8	78.8	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2500	76.5	77.5	78.9	79.1	79.9	79.9	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2000	77.8	78.9	80.3	80.6	81.5	81.6	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	78.3	79.4	80.8	81.1	81.9	82.0	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	79.6	80.6	82.2	82.5	83.3	83.5	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1200	81.0	82.2	83.7	84.0	85.1	85.3	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1000	81.2	82.4	84.0	84.4	85.5	85.8	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 900	81.2	82.4	84.1	84.7	85.8	86.1	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	81.2	82.6	84.6	85.6	86.7	87.0	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
GE 700	81.4	82.8	84.9	85.9	87.5	88.1	88.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7
GE 600	81.8	83.2	85.5	86.5	88.2	89.1	90.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.3	91.3
GE 500	81.9	83.3	86.6	87.0	89.7	90.8	92.2	93.5	93.7	94.1	94.4	94.4	94.7	94.7	94.8	94.9
GE 400	81.9	83.3	85.6	87.0	89.8	91.2	93.0	94.6	94.8	95.3	95.6	95.7	96.0	96.0	96.1	96.3
GE 300	81.9	83.3	85.6	87.0	90.1	91.8	93.8	95.4	95.9	96.3	96.8	97.0	97.5	97.6	97.7	98.0
GE 200	81.9	83.3	85.6	87.0	90.1	91.9	93.9	95.7	96.2	96.7	97.1	97.3	98.1	98.2	98.4	99.4
GE 100	81.9	83.3	85.6	87.0	90.1	91.9	93.9	95.7	96.2	96.7	97.1	97.3	98.1	98.2	98.4	100.0
GE 000	81.9	83.3	85.6	87.0	90.1	91.9	93.9	95.7	96.2	96.7	97.1	97.3	98.1	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.4	50.2	50.6	50.8	50.9	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	52.5	53.4	53.9	54.0	54.1	54.1	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	52.7	53.7	54.1	54.2	54.3	54.3	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 16000	52.8	53.8	54.2	54.3	54.4	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	52.9	54.0	54.4	54.5	54.6	54.6	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	53.8	54.8	55.3	55.4	55.5	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	56.2	57.3	57.7	57.8	58.0	58.0	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	57.2	58.3	58.7	58.8	58.9	58.9	59.1	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 8000	59.6	60.6	61.1	61.2	61.3	61.5	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 7000	59.7	60.8	61.2	61.3	61.4	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 6000	60.6	61.7	62.2	62.3	62.4	62.6	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 5000	63.7	64.7	65.2	65.3	65.4	65.6	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 4500	66.3	67.5	68.0	68.1	68.3	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	70.1	71.4	71.8	72.0	72.3	72.7	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	71.3	72.7	73.1	73.5	73.8	74.2	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3000	73.9	75.4	76.1	76.6	77.2	77.6	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	75.1	76.6	77.4	77.8	78.5	78.9	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2000	77.0	78.5	79.5	80.1	80.8	81.2	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1800	77.0	78.6	79.6	80.2	80.9	81.3	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	77.8	79.8	80.8	81.4	82.0	82.5	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1200	78.7	80.8	82.2	82.8	83.4	84.0	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1000	78.9	81.0	82.6	83.2	84.1	84.7	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 900	79.6	81.7	83.3	84.0	84.9	85.6	86.1	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 800	80.1	82.5	84.2	85.2	86.2	87.3	88.0	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 700	80.9	83.2	85.1	86.6	88.2	89.4	90.0	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 600	81.0	83.3	85.2	86.8	88.5	89.9	90.5	91.2	91.4	91.6	91.7	91.7	91.8	91.9	91.9	91.9
GE 500	81.1	83.5	85.4	87.1	89.2	91.3	92.2	92.9	93.1	93.5	93.8	93.8	94.0	94.2	94.2	94.2
GE 400	81.1	83.5	85.5	87.2	89.5	91.7	92.8	94.0	94.2	94.6	94.8	94.9	95.3	95.5	95.5	95.6
GE 300	81.1	83.5	85.6	87.4	90.0	92.7	94.0	95.2	95.4	95.8	96.1	96.2	96.7	96.9	96.9	97.1
GE 200	81.1	83.5	85.6	87.4	90.0	92.8	94.2	95.7	96.1	96.7	97.2	97.4	98.2	98.4	99.1	99.6
GE 100	81.1	83.5	85.6	87.4	90.0	92.8	94.2	95.8	96.2	96.8	97.3	97.5	98.3	98.5	99.2	99.8
GE 000	81.1	83.5	85.6	87.4	90.0	92.8	94.2	95.8	96.2	96.8	97.3	97.5	98.3	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.1	46.2	46.8	47.3	47.5	47.5	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.8	47.8	47.8
GE 20000	49.7	51.0	51.5	52.0	52.3	52.3	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.6	52.7	52.7
GE 18000	50.3	51.6	52.2	52.8	53.0	53.0	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.3	53.4	53.4
GE 16000	50.5	51.8	52.4	53.0	53.2	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.5	53.7	53.7
GE 14000	50.8	52.3	52.8	53.4	53.7	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.1	54.1
GE 12000	51.9	53.5	54.1	54.7	54.9	54.9	54.9	55.1	55.1	55.3	55.3	55.3	55.3	55.5	55.6	55.6
GE 10000	55.8	57.4	58.0	58.8	59.0	59.0	59.0	59.1	59.1	59.4	59.4	59.4	59.4	59.6	59.7	59.7
GE 9000	56.1	57.7	58.3	59.1	59.4	59.4	59.4	59.5	59.5	59.7	59.7	59.7	59.7	59.9	60.0	60.0
GE 8000	60.0	61.6	62.2	63.0	63.2	63.2	63.2	63.3	63.3	63.5	63.5	63.5	63.5	63.8	63.9	63.9
GE 7000	61.5	63.1	63.7	64.5	64.7	64.7	64.7	64.8	64.8	65.1	65.1	65.1	65.1	65.3	65.4	65.4
GE 6000	62.3	63.9	64.4	65.3	65.5	65.5	65.5	65.6	65.6	65.8	65.8	65.8	65.8	66.0	66.1	66.1
GE 5000	64.0	65.6	66.2	67.1	67.4	67.4	67.4	67.5	67.5	67.7	67.7	67.7	67.7	68.0	68.1	68.1
GE 4500	66.2	68.2	68.8	69.7	70.0	70.0	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.5	70.6	70.6
GE 4000	68.7	70.9	71.6	72.8	73.4	73.4	73.4	73.5	73.5	73.8	73.8	73.8	73.8	74.0	74.1	74.1
GE 3500	70.0	72.2	72.9	74.2	75.1	75.1	75.2	75.4	75.4	75.6	75.6	75.6	75.6	75.8	75.9	75.9
GE 3000	71.2	73.3	74.2	75.6	76.6	76.6	76.7	76.9	76.9	77.2	77.2	77.2	77.2	77.4	77.5	77.5
GE 2500	72.5	74.6	75.6	77.1	78.2	78.3	78.5	78.7	78.7	79.0	79.0	79.0	79.0	79.2	79.4	79.4
GE 2000	73.5	76.0	77.1	78.6	79.8	80.0	80.2	80.4	80.4	80.8	80.8	80.8	80.8	81.0	81.1	81.1
GE 1800	73.9	76.3	77.4	78.9	80.1	80.4	80.6	80.9	80.9	81.2	81.2	81.2	81.2	81.4	81.5	81.5
GE 1500	74.8	77.4	78.7	80.2	81.4	81.7	82.0	82.4	82.4	82.7	82.7	82.7	82.7	82.9	83.0	83.0
GE 1200	76.0	78.6	79.9	81.8	83.0	83.3	83.7	84.1	84.1	84.4	84.4	84.4	84.4	84.6	84.7	84.7
GE 1000	76.6	79.1	80.5	82.7	83.9	84.2	84.6	85.4	85.6	85.9	86.0	86.0	86.0	86.2	86.3	86.3
GE 900	77.0	79.6	81.2	83.3	84.5	84.9	85.4	86.2	86.5	87.0	87.1	87.1	87.1	87.3	87.4	87.4
GE 800	77.6	80.3	82.3	84.7	86.3	86.8	87.2	88.4	88.6	89.2	89.4	89.4	89.4	89.6	89.7	89.7
GE 700	78.2	80.9	82.8	85.3	87.1	87.7	88.4	89.6	90.0	90.8	90.9	90.9	90.9	91.1	91.2	91.2
GE 600	78.3	81.1	83.0	85.9	87.8	88.5	89.7	90.9	91.4	92.3	92.6	92.6	92.6	92.9	93.2	93.2
GE 500	78.4	81.3	83.2	86.1	88.4	89.1	90.5	92.2	92.8	93.7	94.1	94.1	94.2	94.5	94.9	94.9
GE 400	78.6	81.5	83.5	86.5	88.9	89.8	91.3	93.2	94.0	94.8	95.3	95.3	95.4	95.7	96.1	96.1
GE 300	78.6	81.5	83.5	86.5	89.1	90.2	91.7	94.0	95.1	96.3	96.9	96.9	97.1	97.4	97.8	98.2
GE 200	78.6	81.5	83.5	86.5	89.2	90.3	91.8	94.2	95.5	96.8	97.6	97.6	98.0	98.3	98.9	99.5
GE 100	78.6	81.5	83.5	86.5	89.2	90.3	91.8	94.2	95.5	96.8	97.7	97.7	98.1	98.5	99.2	100.0
GE 000	78.6	81.5	83.5	86.5	89.2	90.3	91.8	94.2	95.5	96.8	97.7	97.7	98.1	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	53.9	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	54.3	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 16000	54.5	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	55.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	57.1	57.6	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 10000	59.0	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	59.5	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	62.7	63.3	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 7000	64.4	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	65.1	65.9	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 5000	65.6	66.5	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4500	67.4	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000	68.8	69.8	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	71.0	71.9	72.3	72.5	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3000	74.0	75.1	75.5	75.7	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2500	75.8	76.9	77.3	77.5	77.8	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2000	77.3	78.5	79.0	79.4	79.9	79.9	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 1800	77.5	78.8	79.4	79.7	80.2	80.2	80.4	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
GE 1500	79.1	80.4	81.1	81.4	82.0	82.2	82.5	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 1200	81.0	82.3	82.9	83.3	84.1	84.5	84.8	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	81.2	82.7	83.8	84.5	85.7	86.2	86.8	87.4	87.4	87.7	88.0	88.0	88.0	88.0	88.0	88.0
GE 900	81.4	82.9	84.0	84.7	86.0	86.7	87.3	88.2	88.2	88.5	88.7	88.7	88.7	88.7	88.7	88.7
GE 800	82.2	83.7	85.1	86.0	87.3	88.0	88.9	90.0	90.1	90.5	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	82.8	84.4	85.9	87.0	88.4	89.0	90.0	91.1	91.3	91.9	92.6	92.6	92.6	92.6	92.6	92.6
GE 600	83.1	84.7	86.2	87.4	88.9	89.6	90.6	91.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3
GE 500	83.3	85.1	86.7	87.8	89.6	90.5	91.9	93.5	94.1	95.2	95.8	95.8	95.8	95.8	95.8	95.8
GE 400	83.3	85.1	86.8	88.1	89.9	91.2	92.9	94.9	95.9	97.0	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	83.3	85.1	86.8	88.1	89.9	91.3	93.0	95.1	96.5	97.7	98.7	98.7	98.8	98.8	98.9	98.9
GE 200	83.3	85.1	86.8	88.1	89.9	91.3	93.0	95.1	96.6	98.0	99.0	99.0	99.1	99.1	99.4	99.8
GE 100	83.3	85.1	86.8	88.1	89.9	91.3	93.0	95.1	96.6	98.0	99.0	99.0	99.1	99.1	99.4	100.0
GE 000	83.3	85.1	86.8	88.1	89.9	91.3	93.0	95.1	96.6	98.0	99.0	99.0	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 20000	52.2	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 18000	52.7	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 16000	52.7	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 14000	53.1	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000	54.3	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	58.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	58.3	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000	60.0	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 7000	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 6000	61.9	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 5000	63.1	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 4500	66.1	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4000	68.5	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 3500	72.9	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3000	77.1	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2500	80.1	80.3	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	83.1	83.3	84.0	84.0	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1800	83.3	83.5	84.3	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	84.3	84.6	85.5	85.5	86.0	86.1	86.7	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2
GE 1200	85.9	86.2	87.1	87.2	88.0	88.1	88.6	89.0	89.1	89.2	89.4	89.5	89.5	89.5	89.5	89.5
GE 1000	86.7	87.0	87.8	88.1	89.1	89.4	90.0	90.5	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0
GE 900	86.9	87.3	88.2	88.5	89.8	90.2	90.9	91.4	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.8
GE 800	87.0	87.4	88.4	88.7	90.0	90.5	91.4	92.0	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.5
GE 700	87.1	87.5	88.8	89.2	90.5	91.2	92.2	92.8	92.9	93.1	93.3	93.4	93.4	93.4	93.4	93.4
GE 600	87.1	87.5	88.9	89.5	90.8	91.4	92.6	93.3	93.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3
GE 500	87.2	87.6	89.1	89.9	91.4	92.3	93.7	94.6	95.1	95.4	95.7	95.8	95.8	95.8	95.8	95.9
GE 400	87.2	87.6	89.1	90.0	91.5	92.5	94.1	95.5	96.3	96.8	97.1	97.2	97.2	97.2	97.2	97.3
GE 300	87.2	87.6	89.1	90.0	91.5	92.5	94.3	96.1	97.1	97.7	98.2	98.3	98.5	98.5	98.6	98.7
GE 200	87.2	87.6	89.1	90.1	91.6	92.6	94.4	96.3	97.3	98.0	98.7	98.8	99.1	99.2	99.5	99.9
GE 100	87.2	87.6	89.1	90.1	91.6	92.6	94.4	96.3	97.3	98.0	98.7	98.8	99.1	99.2	99.5	100.0
GE 000	87.2	87.6	89.1	90.1	91.6	92.6	94.4	96.3	97.3	98.0	98.7	98.8	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	46.0	46.0	46.3	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 20000	51.9	51.9	51.9	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 18000	52.8	52.8	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 16000	52.8	52.8	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 14000	53.2	53.2	53.2	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 12000	54.8	54.8	54.8	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	58.5	58.5	58.5	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 9000	58.8	58.8	58.8	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 8000	61.0	61.0	61.0	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 7000	62.3	62.3	62.3	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 6000	62.4	62.4	62.4	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000	64.2	64.2	64.2	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 4500	67.7	67.7	67.7	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4000	71.4	71.4	71.5	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3500	74.7	74.7	74.8	75.3	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3000	77.8	78.0	78.1	78.6	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	80.0	80.1	80.4	81.2	81.5	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2000	81.9	82.0	82.8	83.5	84.0	84.1	84.2	84.3	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	82.5	82.6	83.4	84.2	84.6	84.7	84.8	84.9	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3
GE 1500	83.7	83.8	84.7	85.7	86.2	86.3	86.6	86.8	86.9	87.1	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200	84.2	84.3	85.3	86.2	86.8	87.1	87.4	87.6	87.7	88.0	88.5	88.5	88.5	88.5	88.5	88.5
GE 1000	84.5	84.6	85.7	86.8	87.6	88.0	88.5	88.7	88.8	89.2	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	84.9	85.2	86.6	87.6	88.5	89.1	89.8	90.1	90.2	90.8	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	84.9	85.2	86.6	87.6	88.5	89.2	90.2	90.5	90.6	91.2	91.9	91.9	91.9	91.9	91.9	91.9
GE 700	85.2	85.4	86.9	88.0	88.8	89.6	90.5	91.0	91.1	91.7	92.5	92.5	92.5	92.5	92.5	92.5
GE 600	85.2	85.4	87.1	88.5	89.6	90.3	91.3	91.9	92.3	93.0	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	85.2	85.4	87.1	88.5	89.8	90.6	91.8	93.0	93.4	94.2	95.1	95.1	95.1	95.1	95.1	95.2
GE 400	85.2	85.4	87.2	88.6	89.9	90.8	92.2	93.9	94.4	95.3	96.1	96.2	96.2	96.2	96.2	96.3
GE 300	85.3	85.5	87.3	88.7	90.0	90.9	92.4	94.2	94.9	96.2	97.5	97.6	97.6	97.6	97.6	98.0
GE 200	85.3	85.5	87.3	88.7	90.0	90.9	92.4	94.2	94.9	96.3	98.3	98.4	98.7	98.7	98.7	99.1
GE 100	85.3	85.5	87.3	88.7	90.0	90.9	92.4	94.2	94.9	96.3	98.5	98.7	99.0	99.0	99.2	100.0
GE 000	85.3	85.5	87.3	88.7	90.0	90.9	92.4	94.2	94.9	96.3	98.5	98.7	99.0	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	55.6	55.6	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 18000	55.8	55.8	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 16000	56.2	56.2	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	56.6	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 12000	56.9	56.9	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	61.0	61.0	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 9000	61.3	61.3	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000	63.9	63.9	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 7000	65.1	65.1	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 6000	65.9	65.9	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 5000	68.3	68.3	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	71.4	71.5	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	74.7	74.9	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	76.6	76.8	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	78.0	78.3	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2500	78.9	79.4	80.3	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	80.1	80.8	82.0	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1800	80.6	81.3	82.6	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	81.3	82.0	84.0	84.6	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1200	82.3	83.4	85.5	86.2	86.9	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1000	82.3	83.5	85.7	86.6	87.4	88.0	88.3	88.4	88.4	88.7	88.8	88.9	88.9	88.9	88.9	88.9
GE 900	82.7	84.0	86.2	87.4	88.3	88.9	89.4	89.7	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.2
GE 800	82.7	84.0	86.2	87.4	88.4	89.0	89.5	89.8	89.8	90.1	90.2	90.3	90.3	90.3	90.3	90.3
GE 700	82.7	84.0	86.2	87.4	88.7	89.6	90.3	90.6	90.8	91.2	91.5	91.6	91.8	91.8	91.8	91.8
GE 600	82.9	84.2	86.8	88.0	89.6	90.5	91.3	91.7	91.8	92.3	92.6	92.7	93.0	93.0	93.0	93.0
GE 500	82.9	84.3	87.1	88.3	90.2	91.3	92.4	93.2	93.4	93.9	94.2	94.3	94.7	94.7	94.7	94.7
GE 400	82.9	84.3	87.2	88.4	90.5	91.8	93.4	94.3	94.5	95.3	95.6	95.7	96.1	96.1	96.1	96.1
GE 300	83.0	84.4	87.4	88.6	90.9	92.3	94.2	95.5	95.9	96.7	97.0	97.1	97.6	97.8	98.0	98.0
GE 200	83.0	84.4	87.4	88.6	91.0	92.4	94.3	95.6	96.0	96.9	97.5	97.6	98.2	98.7	98.9	99.2
GE 100	83.0	84.4	87.4	88.6	91.0	92.4	94.3	95.6	96.0	96.9	97.5	97.6	98.2	98.9	99.2	100.0
GE 000	83.0	84.4	87.4	88.6	91.0	92.4	94.3	95.6	96.0	96.9	97.5	97.6	98.2	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	55.8	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 18000	56.0	56.1	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000	56.3	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	56.6	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	57.3	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 10000	60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 9000	61.3	61.4	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	64.8	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	66.3	66.5	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 6000	67.1	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	68.2	68.3	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4500	72.2	72.3	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	73.5	73.9	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	74.7	75.2	76.3	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
GE 3000	76.0	76.5	77.8	78.4	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8
GE 2500	77.6	78.2	79.7	80.3	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0
GE 2000	78.9	79.7	81.3	81.9	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6
GE 1800	79.7	80.5	82.3	82.9	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5
GE 1500	80.8	81.7	83.4	84.2	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8
GE 1200	81.5	82.7	84.4	85.2	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5
GE 1000	81.8	83.0	84.8	85.8	87.0	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 900	82.2	83.3	85.2	86.5	87.6	87.8	88.0	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 800	82.3	83.4	85.3	86.7	88.0	88.2	88.3	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 700	82.4	83.7	85.6	87.2	88.7	89.1	89.2	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
GE 600	82.7	84.0	86.1	87.8	89.4	89.9	90.5	90.9	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3
GE 500	82.9	84.2	86.6	88.3	90.5	91.4	92.6	93.2	93.3	94.0	94.0	94.0	94.5	94.7	94.7	94.7
GE 400	82.9	84.2	86.6	88.3	91.2	92.0	93.5	94.4	94.5	95.2	95.2	95.2	95.7	95.9	95.9	95.9
GE 300	83.2	84.5	86.9	88.6	91.7	92.7	94.3	95.4	95.8	96.6	96.8	96.9	97.4	97.6	97.6	97.6
GE 200	83.2	84.5	86.9	88.6	91.7	92.7	94.3	95.4	95.9	96.8	97.2	97.3	98.1	98.5	98.9	99.4
GE 100	83.2	84.5	86.9	88.6	91.7	92.7	94.3	95.4	95.9	96.8	97.4	97.5	98.3	98.8	99.4	100.0
GE 000	83.2	84.5	86.9	88.6	91.7	92.7	94.3	95.4	95.9	96.8	97.4	97.5	98.3	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	49.2	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 20000	53.5	54.0	54.2	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	53.9	54.4	54.7	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 16000	54.1	54.5	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	54.4	54.9	55.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6
GE 12000	55.5	56.0	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 10000	58.7	59.2	59.5	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	59.1	59.6	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 8000	61.9	62.4	62.6	62.8	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 7000	63.1	63.7	64.0	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000	63.9	64.4	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	65.6	66.2	66.5	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
GE 4500	68.5	69.1	69.5	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
GE 4000	70.9	71.7	72.3	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1
GE 3500	73.1	73.9	74.5	74.9	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000	75.5	76.3	77.1	77.5	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2500	77.1	77.9	78.8	79.3	79.8	79.9	80.0	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
GE 2000	78.7	79.7	80.8	81.3	82.0	82.1	82.2	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5
GE 1800	79.1	80.1	81.2	81.8	82.4	82.6	82.7	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 1500	80.2	81.3	82.5	83.2	83.9	84.0	84.3	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8
GE 1200	81.3	82.6	83.9	84.6	85.4	85.7	86.0	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 1000	81.6	82.9	84.4	85.3	86.3	86.7	87.1	87.5	87.6	87.8	87.9	88.0	88.0	88.0	88.0	88.0
GE 900	82.0	83.3	84.8	85.8	86.9	87.4	87.9	88.5	88.5	88.8	88.9	88.9	89.0	89.0	89.0	89.0
GE 800	82.2	83.6	85.3	86.5	87.7	88.3	88.9	89.5	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1
GE 700	82.6	84.0	85.8	87.1	88.5	89.2	89.9	90.6	90.8	91.1	91.4	91.4	91.5	91.5	91.5	91.5
GE 600	82.8	84.2	86.1	87.5	89.1	89.9	90.8	91.6	91.8	92.3	92.6	92.6	92.7	92.7	92.8	92.8
GE 500	82.9	84.3	86.3	87.9	89.9	90.9	92.2	93.3	93.6	94.2	94.6	94.7	94.9	94.9	95.0	95.1
GE 400	82.9	84.4	86.4	88.0	90.1	91.4	92.9	94.4	94.8	95.5	95.9	96.0	96.2	96.3	96.4	96.4
GE 300	83.0	84.4	86.5	88.1	90.4	91.8	93.5	95.1	95.8	96.7	97.2	97.3	97.7	97.8	97.9	98.1
GE 200	83.0	84.4	86.5	88.1	90.4	91.9	93.5	95.3	96.1	97.0	97.8	97.9	98.4	98.6	99.0	99.5
GE 100	83.0	84.4	86.5	88.1	90.4	91.9	93.5	95.3	96.1	97.0	97.9	98.0	98.5	98.8	99.2	100.0
GE 000	83.0	84.4	86.5	88.1	90.4	91.9	93.5	95.3	96.1	97.0	97.9	98.0	98.5	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.9	47.2	47.7	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.2	48.2	48.2	48.3
GE 20000	49.9	50.2	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.2	51.2	51.2	51.3
GE 18000	49.9	50.2	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.2	51.2	51.2	51.3
GE 16000	49.9	50.2	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.2	51.2	51.2	51.3
GE 14000	50.2	50.6	51.0	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.6	51.6	51.6	51.7
GE 12000	50.8	51.1	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.2
GE 10000	52.3	52.7	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.6	53.6	53.7	53.7	53.7	53.8
GE 9000	52.8	53.1	53.6	53.7	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.2
GE 8000	55.1	55.8	56.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.8	56.8	56.8	56.9
GE 7000	57.0	57.7	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.7	58.7	58.7	58.8
GE 6000	58.2	58.9	59.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.9	59.9	59.9	60.0
GE 5000	61.2	61.9	62.3	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.1
GE 4500	64.2	65.0	65.4	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.3
GE 4000	65.9	66.8	67.2	67.3	67.9	67.9	67.9	67.9	67.9	67.9	68.1	68.1	68.2	68.2	68.2	68.3
GE 3500	67.3	68.2	68.7	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.6	69.6	69.7	69.7	69.7	69.8
GE 3000	70.1	71.0	71.6	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.6	72.6	72.7	72.7	72.7	72.8
GE 2500	71.1	72.1	72.9	73.3	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.2	74.2	74.2	74.3
GE 2000	72.3	73.4	74.2	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.6	75.6	75.7	75.7	75.7	75.8
GE 1800	72.7	73.8	74.6	75.1	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.1	76.1	76.1	76.2
GE 1500	74.1	75.2	76.1	76.8	77.6	77.6	77.6	77.6	77.7	77.7	77.9	77.9	78.0	78.0	78.0	78.1
GE 1200	74.8	75.9	76.9	77.7	78.6	78.6	78.6	78.6	78.7	78.7	78.9	78.9	79.0	79.0	79.0	79.1
GE 1000	75.9	77.0	78.3	79.1	80.1	80.1	80.3	80.3	80.6	80.6	80.8	80.8	80.9	80.9	80.9	81.0
GE 900	76.4	77.6	79.0	79.8	80.9	81.0	81.2	81.2	81.4	81.4	81.7	81.7	81.8	81.8	81.8	81.9
GE 800	77.6	78.8	80.3	81.2	82.6	82.9	83.1	83.1	83.3	83.3	83.6	83.6	83.7	83.7	83.7	83.8
GE 700	77.8	79.1	80.8	82.0	83.6	83.9	84.1	84.1	84.3	84.3	84.6	84.6	84.8	84.8	84.8	84.9
GE 600	78.1	79.4	81.2	83.1	85.2	85.7	85.9	85.9	86.1	86.1	86.3	86.3	86.6	86.6	86.6	86.7
GE 500	78.1	79.6	81.7	84.0	87.0	87.6	87.9	88.6	88.8	88.9	89.3	89.3	89.6	89.6	89.6	89.7
GE 400	78.7	80.2	82.4	85.2	88.2	89.1	89.8	90.6	91.1	91.4	91.9	91.9	92.2	92.2	92.2	92.3
GE 300	78.7	80.2	82.7	85.6	89.0	90.3	91.3	92.6	93.2	93.9	94.6	94.7	95.1	95.2	95.2	95.7
GE 200	78.7	80.2	82.7	85.6	89.3	90.7	91.9	93.3	94.1	95.0	95.8	95.9	96.8	97.0	97.4	97.9
GE 100	78.7	80.2	82.7	85.6	89.3	90.7	91.9	93.3	94.1	95.0	96.2	96.3	97.3	97.7	98.6	99.4
GE 000	78.7	80.2	82.7	85.6	89.3	90.7	91.9	93.3	94.1	95.0	96.2	96.3	97.3	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.6	44.8	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.8
GE 20000	48.2	48.6	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.7
GE 18000	48.3	48.7	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.6	49.8
GE 16000	48.4	48.8	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.9
GE 14000	48.6	48.9	49.3	49.6	49.7	49.7	49.7	4.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	50.0
GE 12000	49.7	50.0	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	51.1
GE 10000	51.1	51.4	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.7
GE 9000	51.9	52.2	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.4
GE 8000	54.6	55.2	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.6
GE 7000	56.6	57.2	57.9	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.7
GE 6000	58.0	58.7	59.3	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	60.1
GE 5000	60.0	60.8	61.7	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.7
GE 4500	62.8	63.6	64.4	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.4
GE 4000	63.7	64.4	65.4	65.7	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.6
GE 3500	64.9	65.7	66.9	67.2	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.2
GE 3000	66.6	67.6	69.1	69.4	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.4
GE 2500	68.1	69.1	70.8	71.1	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.1
GE 2000	68.9	70.0	71.9	72.2	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.2
GE 1800	69.1	70.2	72.2	72.7	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.7
GE 1500	70.0	71.1	73.3	74.0	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	75.0
GE 1200	71.1	72.2	74.7	75.3	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.6
GE 1000	72.2	73.3	75.8	76.8	77.8	78.1	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	79.0	79.2
GE 900	72.2	73.3	75.8	76.8	77.9	78.2	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.1	79.3
GE 800	73.0	74.2	76.8	77.8	79.0	79.3	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.3	80.6
GE 700	73.4	74.7	77.4	78.6	80.0	80.4	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.6	81.8
GE 600	73.8	75.1	78.0	79.8	82.0	82.8	83.3	83.7	83.7	83.7	83.8	83.9	83.9	83.9	84.1	84.3
GE 500	74.2	75.9	78.9	81.1	83.9	84.9	85.8	86.7	86.7	86.7	86.8	86.9	86.9	86.9	87.2	87.4
GE 400	74.3	76.0	79.6	82.0	85.3	86.6	88.3	89.6	89.6	89.7	89.8	89.9	90.1	90.1	90.4	90.7
GE 300	74.3	76.3	80.3	82.8	86.8	88.3	90.8	92.3	92.4	93.1	93.2	93.4	93.8	93.8	94.3	94.6
GE 200	74.3	76.3	80.3	82.8	86.8	88.4	91.2	93.2	93.4	94.2	94.6	94.8	96.6	96.7	97.7	98.0
GE 100	74.3	76.3	80.3	82.8	86.8	88.4	91.2	93.3	93.6	94.3	94.8	95.0	97.0	97.3	98.9	99.9
GE 000	74.3	76.3	80.3	82.8	86.8	88.4	91.2	93.3	93.6	94.3	94.8	95.0	97.0	97.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.2	38.7	39.0	39.2	39.4	39.4	39.4	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 20000	44.2	44.8	45.1	45.3	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 18000	44.7	45.2	45.6	45.8	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 16000	44.8	45.3	45.7	45.9	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 14000	45.1	45.7	46.0	46.2	46.4	46.4	46.4	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 12000	46.8	47.4	47.8	48.1	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 10000	49.8	50.8	51.1	51.4	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 9000	50.6	51.6	51.9	52.2	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 8000	55.3	56.4	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 7000	57.3	58.4	58.8	59.2	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 6000	58.7	60.1	60.6	61.0	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 5000	60.8	62.3	63.2	63.7	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4500	63.7	65.2	66.2	66.8	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4000	64.3	65.9	66.9	67.4	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 3500	65.7	67.3	68.3	69.0	69.3	69.3	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3000	67.3	69.2	70.2	70.9	71.3	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 2500	67.8	69.7	70.8	71.4	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2000	68.3	70.3	71.7	72.3	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 1800	68.6	70.6	71.9	72.6	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1500	69.0	71.1	72.4	73.2	73.8	73.8	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2
GE 1200	70.2	72.4	73.9	74.9	75.6	75.6	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0
GE 1000	71.1	73.3	74.8	76.0	76.9	76.9	77.0	77.0	77.1	77.3	77.3	77.3	77.4	77.6	77.7	77.7
GE 900	71.7	73.9	75.4	76.8	78.0	78.0	78.1	78.1	78.2	78.4	78.4	78.4	78.6	78.7	78.8	78.8
GE 800	72.9	75.2	77.2	78.8	80.1	80.3	80.4	80.8	80.9	81.6	81.6	81.6	81.7	81.9	82.0	82.0
GE 700	73.3	75.7	77.8	79.4	80.9	81.2	81.3	81.9	82.0	82.9	82.9	82.9	83.2	83.4	83.6	83.6
GE 600	73.8	76.1	78.8	80.7	82.4	83.1	83.6	84.3	84.4	85.3	85.4	85.4	85.9	86.1	86.2	86.2
GE 500	74.0	76.4	79.4	81.7	84.0	85.1	85.9	86.9	87.4	88.4	88.6	88.6	89.0	89.3	89.4	89.4
GE 400	74.1	76.7	80.2	82.7	85.6	86.9	88.3	89.9	90.8	92.2	92.4	92.4	93.0	93.3	93.4	93.4
GE 300	74.1	76.7	80.4	82.9	85.8	87.8	89.4	91.2	92.1	93.7	93.9	93.9	94.7	95.0	95.2	95.2
GE 200	74.1	76.7	80.6	83.2	86.1	88.1	89.8	92.0	93.2	95.1	95.8	95.9	97.6	97.9	98.6	98.9
GE 100	74.1	76.7	80.6	83.2	86.1	88.1	89.8	92.0	93.2	95.1	96.0	96.1	97.8	98.1	99.1	100.0
GE 000	74.1	76.7	80.6	83.2	86.1	88.1	89.8	92.0	93.2	95.1	96.0	96.1	97.8	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 20000	43.4	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 18000	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 16000	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 14000	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 12000	46.7	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 10000	49.1	49.2	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 9000	50.0	50.3	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 8000	54.9	55.2	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 7000	56.3	56.7	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 6000	58.1	58.4	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 5000	60.9	61.4	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 4500	62.3	63.0	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4000	64.2	64.9	65.0	65.1	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 3500	67.7	68.3	68.4	68.6	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3000	71.0	71.7	71.9	72.1	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 2500	71.9	72.7	73.2	73.6	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2000	73.8	74.7	75.3	75.7	76.1	76.1	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 1800	74.4	75.3	76.0	76.3	76.8	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1500	75.4	76.4	77.2	77.7	78.1	78.2	78.2	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 1200	77.8	78.8	79.8	80.2	80.8	80.9	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1000	79.0	80.2	81.4	82.0	82.6	82.8	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 900	80.0	81.3	82.8	83.3	84.0	84.2	84.3	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 800	81.3	82.7	84.3	85.0	86.0	86.3	86.6	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 700	81.8	83.1	84.9	85.6	86.7	87.1	87.3	88.6	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 600	82.4	83.8	85.6	86.6	87.9	88.7	88.9	90.2	90.4	90.8	90.8	90.8	90.9	90.9	90.9	90.9
GE 500	82.9	84.3	86.2	87.2	89.1	90.3	90.6	92.2	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.2
GE 400	83.2	84.8	86.9	88.4	91.2	92.7	93.3	95.4	95.9	96.6	96.8	96.8	96.9	96.9	96.9	97.0
GE 300	83.2	84.8	87.0	88.6	91.3	93.1	94.0	96.3	97.0	98.2	98.8	98.8	99.1	99.1	99.1	99.3
GE 200	83.2	84.8	87.0	88.6	91.4	93.2	94.1	96.4	97.1	98.6	99.3	99.3	99.7	99.7	99.7	99.9
GE 100	83.2	84.8	87.0	88.6	91.4	93.2	94.1	96.4	97.1	98.6	99.3	99.3	99.7	99.7	99.8	100.0
GE 000	83.2	84.8	87.0	88.6	91.4	93.2	94.1	96.4	97.1	98.6	99.3	99.3	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 20000	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 18000	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 16000	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 14000	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 12000	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 10000	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 9000	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 8000	52.7	52.9	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 7000	53.3	53.7	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 6000	54.7	55.1	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 5000	58.2	58.8	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4500	59.6	60.1	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 4000	63.8	64.4	64.9	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3500	67.8	68.6	69.1	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 3000	72.0	72.9	73.6	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2500	73.4	74.4	75.2	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2000	76.0	77.0	77.8	78.3	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1800	77.1	78.1	78.9	79.4	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 1500	79.7	80.7	81.6	82.1	82.6	82.6	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1200	82.0	83.1	84.2	84.8	85.2	85.2	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	83.8	85.3	86.8	87.3	87.9	87.9	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 900	84.2	85.9	87.4	88.0	88.6	88.7	89.1	89.1	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	84.4	86.1	88.1	88.8	89.6	89.7	90.2	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	84.8	86.6	88.6	89.4	90.3	90.6	91.3	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 600	85.7	87.4	90.1	91.4	92.8	93.0	93.8	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	85.9	87.7	90.6	92.1	93.6	93.9	94.9	95.4	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	86.2	88.1	91.2	93.1	94.9	95.4	96.8	97.3	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 300	86.2	88.1	91.2	93.2	95.1	95.8	97.1	97.8	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 200	86.2	88.1	91.2	93.2	95.1	95.8	97.1	97.8	98.9	99.3	99.3	99.3	99.3	99.6	99.8	99.8
GE 100	86.2	88.1	91.2	93.2	95.1	95.8	97.1	97.8	98.9	99.3	99.3	99.3	99.6	99.6	99.9	100.0
GE 000	86.2	88.1	91.2	93.2	95.1	95.8	97.1	97.8	98.9	99.3	99.3	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 18000	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 16000	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 12000	49.2	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 10000	51.9	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 9000	52.4	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 8000	55.8	56.2	56.2	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 7000	57.3	57.8	57.8	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 6000	58.7	59.1	59.4	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 5000	62.7	63.2	63.6	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 4500	64.3	64.9	65.2	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4000	68.9	69.6	69.9	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	72.4	73.3	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	74.8	76.0	76.4	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2500	77.4	78.7	79.1	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2000	80.0	81.3	81.8	82.1	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	80.2	81.6	82.1	82.4	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1500	82.4	83.8	84.3	84.8	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	83.6	85.0	85.8	86.2	86.6	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1000	84.9	86.4	87.4	87.9	88.6	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	85.4	87.1	88.1	88.6	89.2	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	86.0	87.7	88.8	89.3	90.0	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 700	86.1	88.0	89.2	90.0	90.7	91.2	91.4	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 600	86.6	88.7	90.0	91.0	92.0	92.7	93.0	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	86.9	89.2	90.8	91.9	93.0	94.2	94.8	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	87.2	89.7	91.3	92.4	93.7	94.9	95.4	97.3	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2
GE 300	87.2	89.7	91.3	92.4	93.8	95.1	95.7	97.9	98.4	98.8	99.0	99.1	99.1	99.1	99.2	99.2
GE 200	87.2	89.7	91.3	92.4	93.8	95.1	95.7	97.9	98.4	99.0	99.4	99.6	99.6	99.6	99.9	99.9
GE 100	87.2	89.7	91.3	92.4	93.8	95.1	95.7	97.9	98.4	99.0	99.4	99.6	99.6	99.6	99.9	100.0
GE 000	87.2	89.7	91.3	92.4	93.8	95.1	95.7	97.9	98.4	99.0	99.4	99.6	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	41.4	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 20000	47.1	47.6	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 18000	47.4	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 16000	47.4	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 14000	47.8	48.2	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 12000	48.3	48.8	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 10000	51.7	52.1	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 9000	52.3	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 8000	55.6	56.0	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 7000	57.7	58.1	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 6000	58.9	59.3	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 5000	63.1	63.7	64.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 4500	65.6	66.1	66.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 4000	68.4	69.1	70.1	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 3500	70.7	71.3	72.4	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3000	73.6	74.2	75.4	76.0	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 2500	75.2	75.9	77.6	78.2	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2000	75.9	76.6	78.2	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1800	76.0	76.7	78.3	79.2	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1500	77.0	77.9	79.9	80.8	81.7	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1200	78.2	79.2	81.4	82.4	83.4	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1000	78.9	80.4	82.7	83.7	84.9	85.2	85.2	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 900	79.2	80.8	83.1	84.3	85.7	86.0	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 800	79.9	81.4	84.0	85.2	86.9	87.2	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 700	79.9	81.6	84.2	85.9	87.7	88.1	88.4	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 600	79.9	81.6	84.6	86.4	88.3	89.1	89.6	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 500	80.3	82.0	85.0	87.0	89.1	90.1	91.2	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 400	81.1	83.0	86.2	88.3	91.0	92.1	93.3	94.6	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6
GE 300	81.2	83.1	86.3	88.4	91.3	92.6	94.0	95.3	95.9	96.6	96.9	96.9	97.0	97.0	97.0	97.0
GE 200	81.2	83.1	86.3	88.4	91.3	92.7	94.1	95.7	96.3	97.2	97.8	97.8	98.0	98.2	98.8	99.0
GE 100	81.2	83.1	86.3	88.4	91.3	92.7	94.1	95.8	96.4	97.3	97.9	97.9	98.3	98.8	99.7	99.9
GE 000	81.2	83.1	86.3	88.4	91.3	92.7	94.1	95.8	96.4	97.3	97.9	97.9	98.3	98.8	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 21-23

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.1	45.6	46.3	46.3	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 20000	48.7	49.1	49.9	49.9	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 18000	49.0	49.4	50.2	50.2	50.4	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 16000	49.0	49.4	50.2	50.2	50.4	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 14000	49.0	49.4	50.2	50.2	50.4	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 12000	49.6	50.0	50.8	50.8	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 10000	51.6	52.0	53.0	53.0	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 9000	51.9	52.3	53.3	53.3	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 8000	55.0	55.4	56.4	56.4	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 7000	57.3	57.8	58.8	58.8	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 6000	58.1	58.6	59.6	59.7	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 5000	61.8	62.3	63.3	63.4	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500	65.4	66.1	67.1	67.3	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4000	67.0	67.8	68.9	69.1	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3500	68.8	69.6	70.7	70.9	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3000	71.3	72.1	73.2	73.6	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2500	72.2	73.4	74.8	75.1	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2000	73.9	75.3	76.7	77.0	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1800	74.1	75.6	76.9	77.2	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 1500	75.8	77.2	78.6	79.1	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 1200	76.6	78.0	79.8	80.3	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1000	77.1	78.6	80.3	81.2	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 900	77.7	79.1	81.0	82.0	82.8	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 800	78.1	79.8	81.7	82.7	83.6	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 700	78.4	80.1	82.2	83.4	84.4	84.9	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 600	78.7	80.6	83.2	85.3	87.0	87.6	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 500	79.0	80.9	83.6	85.9	87.9	88.7	89.7	90.0	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 400	79.6	81.4	84.1	86.9	89.6	90.7	92.1	92.4	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2
GE 300	79.7	81.6	84.3	87.1	90.0	91.1	92.9	93.4	93.8	94.2	94.6	94.6	94.7	94.7	94.7	94.7
GE 200	79.7	81.6	84.3	87.1	90.1	91.7	93.4	94.6	95.1	96.0	96.7	96.9	97.6	97.8	97.9	97.9
GE 100	79.7	81.6	84.3	87.1	90.1	91.7	93.4	94.7	95.2	96.1	96.8	97.0	97.8	98.2	98.6	99.4
GE 000	79.7	81.6	84.3	87.1	90.1	91.7	93.4	94.7	95.2	96.1	96.8	97.0	97.8	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	41.4	41.7	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.0
GE 20000	46.4	46.8	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 18000	46.8	47.1	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7
GE 16000	46.8	47.1	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000	47.1	47.5	47.7	47.8	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 12000	48.3	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
GE 10000	50.6	51.0	51.3	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7
GE 9000	51.2	51.6	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
GE 8000	54.9	55.4	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2
GE 7000	56.6	57.2	57.5	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
GE 6000	57.9	58.5	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
GE 5000	61.1	61.8	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9
GE 4500	63.5	64.3	64.8	65.1	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5
GE 4000	65.8	66.6	67.3	67.6	67.8	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.1
GE 3500	68.2	69.0	69.8	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6
GE 3000	70.8	71.8	72.7	73.1	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.7
GE 2500	72.2	73.3	74.3	74.7	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4
GE 2000	73.6	74.8	75.9	76.4	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 1800	74.0	75.2	76.4	76.9	77.3	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7
GE 1500	75.4	76.7	77.9	78.6	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
GE 1200	76.8	78.1	79.6	80.2	80.9	81.0	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 1000	77.9	79.3	80.9	81.8	82.6	82.7	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3
GE 900	78.4	79.9	81.6	82.4	83.4	83.6	83.8	83.8	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2
GE 800	79.2	80.7	82.7	83.6	84.7	85.0	85.3	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.9	85.9
GE 700	79.4	81.1	83.1	84.3	85.5	85.9	86.3	86.7	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.3
GE 600	79.9	81.6	83.9	85.5	87.2	87.8	88.2	88.8	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.5
GE 500	80.2	82.0	84.5	86.4	88.4	89.3	90.1	91.0	91.3	91.6	91.7	91.7	91.8	91.8	91.9	91.9
GE 400	80.6	82.5	85.3	87.4	89.9	91.0	92.2	93.4	93.9	94.3	94.5	94.5	94.7	94.7	94.8	94.8
GE 300	80.6	82.6	85.5	87.6	90.4	91.8	93.2	94.6	95.2	95.9	96.3	96.3	96.6	96.6	96.8	96.9
GE 200	80.6	82.6	85.5	87.7	90.5	92.0	93.4	95.1	95.8	96.8	97.3	97.4	98.2	98.3	98.7	98.9
GE 100	80.6	82.6	85.5	87.7	90.5	92.0	93.4	95.2	95.9	96.8	97.5	97.6	98.4	98.6	99.3	99.8
GE 000	80.6	82.6	85.5	87.7	90.5	92.0	93.4	95.2	95.9	96.8	97.5	97.6	98.4	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	50.0	50.4	50.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.5
GE 20000	52.5	52.8	53.2	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.3
GE 18000	52.6	52.9	53.4	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.5
GE 16000	52.6	52.9	53.4	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.5
GE 14000	52.6	52.9	53.4	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.5
GE 12000	54.2	54.5	55.1	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	56.1
GE 10000	57.6	58.0	58.5	58.6	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.6
GE 9000	58.1	58.4	58.9	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	60.0
GE 8000	61.7	62.0	62.6	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.7
GE 7000	63.5	63.9	64.5	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.6
GE 6000	65.3	65.6	66.2	66.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.4
GE 5000	67.2	67.6	68.5	68.6	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.7
GE 4500	69.4	69.8	70.8	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.9
GE 4000	70.8	71.2	72.2	72.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.5
GE 3500	72.7	73.1	74.3	74.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.7
GE 3000	74.1	74.6	75.8	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.4
GE 2500	75.2	75.7	77.0	77.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.6
GE 2000	75.4	75.9	77.2	77.7	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.7	78.9
GE 1800	75.6	76.1	77.4	78.0	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	79.1
GE 1500	75.7	76.2	77.5	78.1	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.2
GE 1200	75.9	76.5	78.0	78.5	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.5	79.7
GE 1000	76.3	76.9	78.6	79.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.6
GE 900	77.1	77.6	79.5	80.1	81.1	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.6
GE 800	77.3	77.8	79.7	80.5	81.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.3
GE 700	77.6	78.2	80.3	81.3	82.7	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.4
GE 600	78.5	79.1	81.5	82.5	84.1	84.3	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.8	85.1
GE 500	79.0	79.8	82.3	83.3	85.1	85.4	86.0	86.1	86.3	86.6	86.6	86.6	86.6	86.6	86.7	86.9
GE 400	79.2	80.0	83.0	84.2	86.2	86.8	87.5	87.7	88.0	88.2	88.2	88.2	88.3	88.3	88.4	88.6
GE 300	79.4	80.1	83.5	85.9	88.4	88.9	90.2	90.4	90.6	91.4	91.5	91.5	91.6	91.6	91.8	92.3
GE 200	79.4	80.1	83.5	86.0	88.7	89.8	91.2	92.0	92.7	93.9	94.8	94.8	95.6	95.6	96.1	96.7
GE 100	79.4	80.1	83.5	86.0	88.7	89.8	91.3	92.4	93.0	94.5	95.6	95.6	96.3	96.5	97.3	99.7
GE 000	79.4	80.1	83.5	86.0	88.7	89.8	91.3	92.4	93.0	94.5	95.6	95.6	96.3	96.5	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	44.0	45.1	45.6	46.7	46.9	47.2	47.2	47.4	47.5	47.6	47.7	47.7	47.7	47.8	48.1
GE 20000	47.1	48.3	49.7	50.3	51.5	51.7	52.0	52.0	52.3	52.4	52.5	52.6	52.6	52.6	52.7	52.9
GE 18000	47.3	48.5	49.9	50.5	51.7	51.9	52.3	52.3	52.5	52.6	52.7	52.8	52.8	52.8	52.9	53.1
GE 16000	47.3	48.5	49.9	50.5	51.7	51.9	52.3	52.3	52.5	52.6	52.7	52.8	52.8	52.8	52.9	53.1
GE 14000	47.6	48.8	50.2	50.9	52.0	52.3	52.6	52.6	52.8	52.9	53.0	53.1	53.1	53.1	53.2	53.4
GE 12000	48.4	49.6	51.0	51.6	52.8	53.0	53.3	53.3	53.5	53.7	53.8	53.9	53.9	53.9	54.0	54.2
GE 10000	51.3	52.5	53.9	54.5	55.8	56.0	56.3	56.3	56.6	56.7	56.8	56.9	56.9	56.9	57.0	57.2
GE 9000	51.7	52.9	54.3	54.9	56.2	56.5	56.8	56.8	57.0	57.1	57.2	57.3	57.3	57.3	57.4	57.6
GE 8000	56.1	57.3	58.8	59.6	60.9	61.1	61.5	61.5	61.7	61.8	61.9	62.0	62.0	62.0	62.3	62.5
GE 7000	58.1	59.2	60.8	61.5	62.8	63.0	63.4	63.4	63.7	63.8	63.9	64.0	64.0	64.0	64.2	64.4
GE 6000	58.7	59.9	61.4	62.2	63.4	63.7	64.1	64.1	64.3	64.4	64.5	64.6	64.6	64.6	64.8	65.1
GE 5000	61.8	63.1	64.7	65.5	66.8	67.0	67.4	67.4	67.6	67.7	67.8	68.0	68.0	68.0	68.2	68.4
GE 4500	63.1	64.5	66.1	66.9	68.3	68.5	68.9	68.9	69.1	69.2	69.4	69.5	69.5	69.5	69.7	69.9
GE 4000	64.9	66.7	68.5	69.5	70.9	71.2	71.6	71.7	71.9	72.0	72.2	72.3	72.3	72.3	72.5	72.7
GE 3500	67.0	68.7	70.5	71.5	72.9	73.2	73.7	73.8	74.0	74.1	74.2	74.3	74.3	74.3	74.5	74.7
GE 3000	69.0	70.8	72.6	73.5	74.9	75.3	75.7	75.8	76.1	76.2	76.3	76.5	76.5	76.5	76.7	76.9
GE 2500	69.8	71.5	73.3	74.4	75.9	76.2	76.7	76.8	77.1	77.2	77.3	77.4	77.4	77.4	77.6	77.8
GE 2000	70.2	71.9	73.8	74.8	76.5	76.8	77.2	77.3	77.6	77.7	77.8	78.0	78.0	78.0	78.2	78.4
GE 1800	70.3	72.0	73.9	74.9	76.6	76.9	77.3	77.4	77.7	77.8	78.0	78.1	78.1	78.1	78.3	78.5
GE 1500	70.9	72.6	74.4	75.5	77.1	77.4	77.8	78.0	78.3	78.4	78.5	78.6	78.6	78.6	78.8	79.0
GE 1200	71.5	73.2	75.1	76.2	78.0	78.3	78.7	78.8	79.1	79.2	79.4	79.5	79.5	79.5	79.7	79.9
GE 1000	72.2	73.9	75.7	76.9	78.7	79.0	79.5	79.6	79.9	80.0	80.1	80.2	80.2	80.2	80.4	80.6
GE 900	72.6	74.3	76.1	77.3	79.1	79.5	79.9	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.9	81.1
GE 800	72.8	74.5	76.3	77.5	79.4	79.7	80.1	80.2	80.5	80.6	80.8	80.9	80.9	80.9	81.1	81.3
GE 700	73.0	74.7	76.7	78.1	80.0	80.3	80.9	81.1	81.4	81.5	81.6	81.7	81.7	81.7	81.9	82.2
GE 600	73.8	75.6	77.5	79.4	81.4	81.7	82.3	82.5	82.8	83.0	83.1	83.2	83.2	83.2	83.4	83.7
GE 500	74.1	76.0	78.0	80.0	82.6	82.9	83.9	84.2	84.7	85.1	85.2	85.3	85.3	85.3	85.5	85.7
GE 400	74.1	76.0	78.0	80.2	83.4	83.9	85.3	85.8	86.3	86.7	86.8	86.9	86.9	86.9	87.1	87.4
GE 300	74.1	76.0	78.1	81.3	85.5	86.2	87.8	89.0	90.0	90.4	90.9	91.0	91.1	91.1	91.3	91.6
GE 200	74.1	76.0	78.1	81.3	85.7	86.6	88.4	90.1	91.1	92.4	93.2	93.4	94.6	94.7	95.4	96.1
GE 100	74.1	76.0	78.1	81.3	85.7	86.6	88.4	90.1	91.1	92.6	94.2	94.8	96.2	96.3	98.0	99.6
GE 000	74.1	76.0	78.1	81.3	85.7	86.6	88.4	90.1	91.1	92.6	94.2	94.8	96.2	96.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.6	43.4	44.1	44.2	44.4	44.5	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9
GE 20000	48.5	49.6	50.4	50.5	50.9	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4
GE 18000	48.8	49.9	50.8	50.9	51.2	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7
GE 16000	48.8	49.9	50.8	50.9	51.2	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7
GE 14000	49.2	50.3	51.2	51.3	51.6	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2	52.2
GE 12000	50.6	51.7	52.7	52.8	53.2	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8
GE 10000	55.2	56.3	57.3	57.4	57.8	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4
GE 9000	55.8	57.1	58.1	58.2	58.6	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
GE 8000	58.8	60.1	61.3	61.8	62.5	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0
GE 7000	60.3	61.6	62.8	63.4	64.1	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
GE 6000	61.4	62.7	63.9	64.5	65.2	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7
GE 5000	64.8	66.1	67.3	68.0	68.6	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
GE 4500	66.0	67.4	68.7	69.4	70.0	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5
GE 4000	68.2	69.8	71.1	71.9	72.6	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1
GE 3500	69.1	70.8	72.2	73.2	74.1	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6
GE 3000	71.2	72.9	74.5	75.7	77.0	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
GE 2500	71.9	73.7	75.3	76.5	77.7	77.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
GE 2000	72.7	74.4	76.0	77.2	78.6	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1
GE 1800	72.8	74.5	76.1	77.3	78.7	78.8	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4
GE 1500	73.1	74.9	76.6	77.7	79.1	79.2	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
GE 1200	73.5	75.4	77.1	78.3	79.7	79.8	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
GE 1000	74.2	76.1	77.8	79.0	80.5	80.6	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2
GE 900	74.3	76.3	78.4	79.9	81.4	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2
GE 800	74.5	76.7	78.7	80.4	81.9	82.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8
GE 700	74.8	77.2	79.7	81.5	83.2	83.5	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
GE 600	74.9	77.4	80.5	82.7	84.4	84.8	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5
GE 500	75.3	78.1	81.2	83.7	85.7	86.6	86.6	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3
GE 400	75.3	78.1	81.5	84.2	86.6	87.6	88.0	89.2	89.4	89.7	89.8	89.8	89.8	89.8	89.9	89.9
GE 300	75.3	78.2	81.7	84.5	87.8	89.2	90.1	92.2	92.9	93.7	94.1	94.3	94.4	94.5	94.6	94.6
GE 200	75.3	78.2	81.7	84.5	88.0	89.4	90.2	92.5	93.7	94.8	96.0	96.6	97.0	97.2	97.5	98.1
GE 100	75.3	78.2	81.7	84.5	88.0	89.4	90.2	92.5	93.8	94.9	96.2	96.8	97.3	97.8	98.7	99.9
GE 000	75.3	78.2	81.7	84.5	88.0	89.4	90.2	92.5	93.8	94.9	96.2	96.8	97.3	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 16000	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	53.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 10000	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 8000	62.5	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	63.5	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000	64.8	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	67.6	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4500	69.1	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	71.4	72.0	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	73.1	73.8	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3000	75.4	76.2	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2500	75.8	76.7	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2000	77.2	78.2	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1800	77.8	78.8	79.6	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 1500	78.4	79.6	80.4	80.4	80.5	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1200	78.8	80.0	80.9	81.0	81.2	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1000	80.0	81.4	82.5	82.7	83.2	83.4	83.5	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 900	80.5	82.0	83.1	83.3	83.9	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 800	81.0	83.0	84.4	84.9	85.8	86.2	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 700	82.0	84.3	86.0	86.6	87.5	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 600	82.5	84.9	86.8	87.8	89.6	90.2	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 500	82.9	85.4	87.4	88.9	90.9	91.5	92.0	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 400	82.9	85.4	87.6	89.2	91.5	92.3	93.1	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 300	83.0	85.5	87.8	89.6	92.5	93.4	94.6	96.9	97.5	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 200	83.0	85.5	87.8	89.6	92.5	93.7	94.8	97.4	98.1	98.6	99.2	99.2	99.5	99.6	99.6	99.7
GE 100	83.0	85.5	87.8	89.6	92.5	93.7	94.8	97.4	98.1	98.6	99.2	99.2	99.5	99.7	99.8	100.0
GE 000	83.0	85.5	87.8	89.6	92.5	93.7	94.8	97.4	98.1	98.6	99.2	99.2	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 20000	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 18000	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 16000	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 14000	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 10000	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 9000	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 7000	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 6000	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	73.9	74.0	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	76.7	76.8	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	79.1	79.4	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	80.4	80.9	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000	81.5	81.9	82.7	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	81.6	82.0	82.8	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	82.3	82.7	83.4	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
GE 1200	82.5	83.0	84.0	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 1000	83.2	83.9	85.1	85.7	86.1	86.3	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
GE 900	84.0	84.6	85.8	86.5	86.9	87.1	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 800	85.4	86.2	87.8	88.7	89.4	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 700	85.7	86.8	88.5	89.5	90.2	90.5	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 600	86.2	87.4	89.5	90.6	91.8	92.3	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 500	86.7	88.3	90.5	91.7	93.0	93.9	94.3	94.4	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7
GE 400	86.7	88.6	91.4	92.9	94.5	95.6	96.3	96.7	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 300	86.7	88.7	91.8	93.5	95.4	96.5	97.6	98.3	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 200	86.7	88.7	91.8	93.5	95.5	96.7	97.8	98.7	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	86.7	88.7	91.8	93.5	95.5	96.7	97.8	98.7	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	86.7	88.7	91.8	93.5	95.5	96.7	97.8	98.7	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 20000	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 18000	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 16000	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 14000	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 12000	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 10000	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 8000	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 7000	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	66.2	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	72.3	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	75.3	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3500	77.7	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3000	79.0	79.5	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 2500	80.1	80.5	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	80.6	81.2	82.0	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	80.8	81.3	82.2	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1500	81.6	82.3	83.4	83.5	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1200	82.5	83.1	84.6	84.8	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1000	83.4	84.1	85.8	86.1	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 900	83.9	84.5	86.3	86.8	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 800	84.8	85.5	87.5	88.0	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 700	85.4	86.2	88.4	88.9	89.7	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 600	85.7	86.8	89.1	90.0	90.9	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 500	86.1	87.3	89.9	91.0	92.0	92.4	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 400	86.3	87.6	90.4	91.7	93.4	93.9	94.5	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 300	86.3	87.6	90.4	91.7	94.0	94.4	95.5	97.0	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8
GE 200	86.3	87.6	90.4	91.8	94.1	94.6	95.7	97.3	97.3	98.0	98.9	99.0	99.5	99.5	99.5	99.5
GE 100	86.3	87.6	90.4	91.8	94.1	94.6	95.7	97.3	97.3	98.1	99.0	99.1	99.8	99.9	100.0	100.0
GE 000	86.3	87.6	90.4	91.8	94.1	94.6	95.7	97.3	97.3	98.1	99.0	99.1	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.1	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 20000	46.1	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 18000	47.4	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 16000	47.6	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 14000	48.3	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 12000	50.8	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	54.4	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 9000	54.9	55.3	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 8000	60.6	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 7000	62.4	63.0	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 6000	64.2	64.8	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 5000	67.4	68.1	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4500	70.0	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4000	73.0	73.9	74.5	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3500	76.8	77.6	78.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	78.2	79.0	79.8	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2500	79.2	80.1	80.9	81.4	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000	79.5	80.4	81.4	81.9	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	79.5	80.5	81.5	82.0	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1500	79.8	80.9	81.9	82.5	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1200	80.2	81.5	82.8	83.3	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1000	80.6	82.0	83.4	84.0	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 900	81.1	82.6	84.1	84.6	85.2	85.2	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 800	81.8	83.4	85.3	85.8	86.3	86.3	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 700	82.8	84.4	86.3	87.1	87.7	87.7	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 600	83.4	85.2	87.4	88.5	89.5	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 500	83.5	85.4	87.8	89.0	90.1	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 400	83.7	85.6	88.5	89.8	91.1	91.3	91.6	92.0	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7
GE 300	83.7	85.6	88.7	90.3	91.7	92.2	92.6	93.7	94.0	94.8	95.7	95.7	95.8	95.8	95.8	95.8
GE 200	83.7	85.6	88.7	90.3	91.8	92.4	92.9	94.2	94.5	96.3	98.0	98.1	98.7	98.8	98.9	99.2
GE 100	83.7	85.6	88.7	90.3	91.8	92.4	92.9	94.2	94.5	96.3	98.1	98.2	98.8	99.4	99.6	99.9
GE 000	83.7	85.6	88.7	90.3	91.8	92.4	92.9	94.2	94.5	96.3	98.1	98.2	98.8	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.2	46.5	46.9	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000	50.1	50.4	51.0	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	50.5	50.9	51.4	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 16000	50.6	51.0	51.5	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	50.8	51.2	51.7	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	51.9	52.4	52.9	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 10000	55.6	56.0	56.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 9000	56.1	56.6	57.2	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	61.2	61.6	62.3	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 7000	62.8	63.2	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000	64.4	64.8	65.5	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 5000	67.0	67.4	68.1	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4500	69.7	70.2	71.0	71.5	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	72.2	72.8	73.5	74.1	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3500	74.8	75.6	76.5	77.0	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	75.8	76.6	77.4	78.1	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500	77.0	77.7	78.7	79.4	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2000	77.5	78.3	79.2	79.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1800	77.5	78.3	79.2	79.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1500	77.5	78.4	79.4	80.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1200	77.8	78.9	80.0	81.0	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1000	77.8	78.9	80.1	81.3	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 900	78.2	79.2	80.4	81.7	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 800	78.7	79.8	81.5	82.9	84.1	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 700	79.5	80.6	82.6	84.0	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 600	80.2	81.6	83.9	85.4	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 500	80.2	81.6	83.9	85.8	87.3	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
GE 400	80.4	82.2	84.9	87.0	88.8	89.0	89.4	89.6	89.6	89.8	89.9	89.9	89.9	89.9	89.9	90.0
GE 300	80.4	82.2	85.1	87.3	89.8	90.2	91.5	92.4	92.5	93.0	93.3	93.3	93.3	93.3	93.3	93.4
GE 200	80.4	82.2	85.3	87.7	90.2	90.8	92.0	93.4	94.3	94.9	95.8	96.2	96.8	97.0	97.5	98.0
GE 100	80.4	82.2	85.3	87.7	90.2	90.8	92.0	93.5	94.5	95.3	96.1	96.7	97.4	98.0	98.8	99.8
GE 000	80.4	82.2	85.3	87.7	90.2	90.8	92.0	93.5	94.5	95.3	96.1	96.7	97.4	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	43.6	44.0	44.1	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.7
GE 20000	49.6	50.0	50.4	50.6	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.2
GE 18000	50.2	50.7	51.1	51.3	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.9
GE 16000	50.3	50.7	51.2	51.3	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9
GE 14000	50.7	51.1	51.6	51.7	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3
GE 12000	52.4	52.9	53.3	53.5	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1
GE 10000	56.1	56.6	57.1	57.2	57.6	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.9
GE 9000	56.7	57.3	57.7	57.9	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
GE 8000	61.0	61.5	62.1	62.3	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.0
GE 7000	62.5	63.1	63.7	63.9	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
GE 6000	63.8	64.4	65.0	65.2	65.6	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
GE 5000	66.7	67.3	67.9	68.2	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 4500	68.7	69.4	70.1	70.4	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
GE 4000	71.2	72.0	72.8	73.2	73.6	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
GE 3500	73.5	74.3	75.2	75.6	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.5
GE 3000	75.2	76.1	77.1	77.6	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5
GE 2500	76.2	77.1	78.1	78.7	79.2	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7
GE 2000	76.8	77.8	78.9	79.5	80.1	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6
GE 1800	77.0	78.0	79.1	79.7	80.3	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8
GE 1500	77.4	78.4	79.6	80.2	80.9	81.0	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.5
GE 1200	77.8	79.0	80.3	81.0	81.7	81.8	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3
GE 1000	78.5	79.7	81.1	81.9	82.8	82.9	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4
GE 900	79.0	80.2	81.7	82.5	83.5	83.6	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1
GE 800	79.5	80.9	82.7	83.6	84.7	84.8	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3
GE 700	80.1	81.6	83.6	84.6	85.8	86.0	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.6
GE 600	80.7	82.3	84.5	85.9	87.3	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.3
GE 500	81.0	82.7	85.1	86.7	88.3	88.8	89.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9
GE 400	81.1	82.9	85.7	87.4	89.4	90.0	90.7	91.4	91.6	91.7	91.9	91.9	91.9	91.9	91.9	92.0
GE 300	81.1	83.0	85.9	88.0	90.6	91.4	92.5	93.7	94.2	94.7	95.0	95.1	95.1	95.1	95.2	95.3
GE 200	81.1	83.0	85.9	88.1	90.8	91.7	92.9	94.5	95.1	96.1	97.0	97.2	97.7	97.8	98.1	98.4
GE 100	81.1	83.0	85.9	88.1	90.8	91.7	92.9	94.5	95.2	96.3	97.3	97.5	98.2	98.4	99.0	99.9
GE 000	81.1	83.0	85.9	88.1	90.8	91.7	92.9	94.5	95.2	96.3	97.3	97.5	98.2	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.7	51.3	52.8	53.9	54.3	54.7	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2
GE 20000	55.4	56.2	57.8	59.2	60.0	60.3	60.4	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.3
GE 18000	55.7	56.4	58.0	59.4	60.2	60.6	60.7	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.6
GE 16000	55.7	56.4	58.0	59.4	60.2	60.6	60.7	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.6
GE 14000	55.9	56.7	58.2	59.7	60.4	60.8	60.9	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.8
GE 12000	56.7	57.4	59.0	60.4	61.2	61.6	61.7	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.6
GE 10000	58.9	59.7	61.4	62.9	63.7	64.0	64.1	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	65.1
GE 9000	59.8	60.6	62.6	64.0	64.8	65.1	65.2	65.7	65.7	65.7	65.8	65.8	65.8	65.9	65.9	66.2
GE 8000	63.7	64.4	66.8	68.3	69.1	69.4	69.6	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.9
GE 7000	64.7	65.6	67.9	69.4	70.3	70.8	71.0	71.4	71.4	71.4	71.6	71.6	71.6	71.7	71.7	72.3
GE 6000	65.1	66.0	68.3	69.9	70.8	71.2	71.4	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.8
GE 5000	66.9	67.8	70.1	71.7	72.6	73.0	73.2	73.7	73.7	73.7	73.8	73.8	73.8	73.9	73.9	74.6
GE 4500	68.3	69.2	71.8	73.3	74.3	74.8	75.0	75.4	75.4	75.4	75.6	75.6	75.6	75.7	75.7	76.3
GE 4000	70.0	70.9	73.4	75.0	76.0	76.7	76.9	77.3	77.3	77.3	77.4	77.4	77.4	77.6	77.6	78.2
GE 3500	71.0	71.9	74.4	76.0	77.0	77.7	77.9	78.3	78.3	78.3	78.4	78.4	78.4	78.6	78.6	79.2
GE 3000	71.6	72.4	75.1	76.7	78.1	78.8	79.0	79.4	79.4	79.4	79.6	79.6	79.6	79.7	79.7	80.3
GE 2500	71.9	72.9	75.6	77.1	78.7	79.3	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.9
GE 2000	72.4	73.4	76.2	77.9	79.8	80.4	80.7	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.3	82.0
GE 1800	72.7	73.7	76.4	78.1	80.0	80.7	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.6	81.6	82.2
GE 1500	73.1	74.2	77.1	78.8	80.8	81.4	81.7	82.1	82.1	82.1	82.2	82.2	82.2	82.3	82.3	83.0
GE 1200	74.0	75.1	78.1	79.8	81.8	82.4	82.7	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	84.1
GE 1000	74.6	75.8	78.9	80.6	82.7	83.3	83.6	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.3	85.0
GE 900	74.7	75.9	79.2	80.9	83.0	83.7	83.9	84.4	84.4	84.4	84.6	84.6	84.6	84.7	84.7	85.3
GE 800	75.3	76.7	80.4	82.1	84.3	85.0	85.2	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.7
GE 700	75.8	77.1	80.9	82.7	85.2	85.9	86.1	86.7	86.7	86.7	86.8	86.8	86.8	86.9	86.9	87.6
GE 600	76.1	77.6	81.3	83.1	86.1	86.8	87.1	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.7
GE 500	76.1	77.7	81.9	83.7	87.0	87.8	88.1	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.7
GE 400	76.1	77.7	82.0	84.1	88.3	89.3	89.9	90.8	90.9	91.0	91.2	91.2	91.3	91.4	91.6	92.2
GE 300	76.2	77.8	82.2	84.6	89.1	90.4	91.6	93.2	93.4	93.8	94.0	94.0	94.4	94.6	94.7	95.3
GE 200	76.2	77.9	82.4	84.8	89.6	91.0	92.1	94.1	94.6	95.1	95.6	95.6	96.6	96.8	96.9	98.2
GE 100	76.2	77.9	82.4	84.8	89.6	91.0	92.1	94.1	94.7	95.2	95.9	95.9	96.9	97.3	97.7	99.9
GE 000	76.2	77.9	82.4	84.8	89.6	91.0	92.1	94.1	94.7	95.2	95.9	95.9	96.9	97.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.8	43.3	44.3	45.9	47.9	48.0	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1
GE 20000	47.1	48.0	49.1	51.6	53.8	53.9	54.7	55.0	55.2	55.2	55.2	55.2	55.3	55.4	55.4	55.6
GE 18000	47.3	48.2	49.3	51.8	54.1	54.2	55.0	55.3	55.6	55.6	55.6	55.6	55.7	55.8	55.8	55.9
GE 16000	47.4	48.3	49.4	51.9	54.2	54.3	55.1	55.4	55.7	55.7	55.7	55.7	55.8	55.9	55.9	56.0
GE 14000	47.7	48.6	49.7	52.1	54.4	54.6	55.4	55.8	56.0	56.0	56.0	56.0	56.1	56.2	56.2	56.3
GE 12000	49.3	50.2	51.3	53.8	56.1	56.2	57.1	57.6	57.8	57.8	57.8	57.8	57.9	58.0	58.0	58.1
GE 10000	52.9	54.1	55.4	57.9	60.3	60.4	61.3	61.8	62.0	62.0	62.0	62.0	62.1	62.2	62.2	62.3
GE 9000	53.3	54.6	55.9	58.3	60.9	61.0	61.9	62.3	62.6	62.6	62.6	62.6	62.7	62.8	62.8	62.9
GE 8000	56.7	57.9	59.4	62.1	64.8	65.1	66.6	67.1	67.3	67.4	67.4	67.4	67.7	67.8	67.8	67.9
GE 7000	58.2	59.4	61.1	63.8	66.4	66.8	68.2	68.8	69.0	69.1	69.1	69.1	69.3	69.4	69.4	69.6
GE 6000	59.1	60.3	62.1	64.8	67.4	67.8	69.2	69.8	70.0	70.1	70.1	70.1	70.3	70.4	70.4	70.6
GE 5000	61.2	62.6	64.3	67.1	70.1	70.4	72.0	72.6	72.8	72.9	72.9	72.9	73.1	73.2	73.2	73.3
GE 4500	62.6	63.9	65.7	68.6	71.6	71.9	73.6	74.2	74.6	74.7	74.7	74.7	74.9	75.0	75.0	75.1
GE 4000	63.9	65.3	67.2	70.1	73.2	73.7	75.3	76.0	76.3	76.4	76.6	76.6	76.8	76.9	76.9	77.0
GE 3500	64.3	65.8	67.8	70.7	73.8	74.2	75.9	76.6	76.9	77.0	77.1	77.1	77.3	77.4	77.4	77.7
GE 3000	65.1	66.6	68.7	71.7	74.8	75.3	77.0	77.7	78.0	78.1	78.2	78.2	78.4	78.6	78.6	78.8
GE 2500	65.9	67.4	69.6	72.7	75.8	76.3	78.0	78.7	79.1	79.2	79.3	79.3	79.6	79.7	79.7	79.9
GE 2000	66.3	68.0	70.1	73.3	76.6	77.1	78.8	79.4	79.9	80.0	80.1	80.1	80.3	80.4	80.4	80.7
GE 1800	66.3	68.0	70.1	73.3	76.6	77.1	78.8	79.4	79.9	80.0	80.1	80.1	80.3	80.4	80.4	80.7
GE 1500	66.7	68.3	70.4	73.8	77.2	77.8	79.4	80.1	80.6	80.7	80.8	80.8	81.0	81.1	81.1	81.3
GE 1200	67.7	69.3	71.4	75.0	78.4	79.0	80.8	81.4	81.9	82.0	82.1	82.1	82.3	82.4	82.4	82.7
GE 1000	68.4	70.2	72.3	76.0	79.4	80.0	81.8	82.4	82.9	83.0	83.1	83.1	83.3	83.4	83.4	83.7
GE 900	68.7	70.4	72.7	76.4	80.0	80.7	82.4	83.1	83.6	83.7	83.8	83.8	84.0	84.1	84.1	84.3
GE 800	69.1	70.9	73.4	77.2	81.3	82.0	83.9	84.6	85.0	85.1	85.2	85.2	85.4	85.6	85.6	85.8
GE 700	69.2	71.0	73.7	77.6	82.0	82.9	84.9	85.7	86.1	86.2	86.3	86.3	86.6	86.7	86.7	86.9
GE 600	69.2	71.1	74.4	78.6	83.3	84.2	86.2	87.1	87.6	87.7	87.8	87.8	88.1	88.2	88.2	88.4
GE 500	69.3	71.2	74.9	79.6	84.6	85.6	87.7	88.6	89.0	89.3	89.4	89.4	89.8	89.9	89.9	90.1
GE 400	69.3	71.2	75.1	80.0	85.6	86.6	88.8	89.8	90.4	91.2	91.4	91.4	91.8	91.9	92.1	92.4
GE 300	69.4	71.4	75.6	80.8	86.8	87.8	90.2	91.7	92.4	93.7	94.1	94.1	94.7	94.8	95.0	95.4
GE 200	69.4	71.4	75.7	81.0	87.0	88.1	90.7	92.7	93.4	95.1	95.8	95.9	96.8	96.9	97.6	98.2
GE 100	69.4	71.4	75.7	81.0	87.0	88.1	90.7	92.7	93.4	95.1	95.8	95.9	96.9	97.0	98.1	99.7
GE 000	69.4	71.4	75.7	81.0	87.0	88.1	90.7	92.7	93.4	95.1	95.8	95.9	96.9	97.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURL OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.7	45.9	47.6	48.3	49.3	49.9	50.1	50.3	50.3	50.4	50.4	50.4	50.6	50.6	50.7	50.8
GE 20000	49.4	50.8	52.7	53.6	54.6	55.4	55.7	56.0	56.1	56.2	56.3	56.3	56.4	56.4	56.6	56.7
GE 18000	49.9	51.2	53.1	54.0	55.1	56.0	56.2	56.6	56.7	56.8	6.9	56.9	57.0	57.0	57.1	57.2
GE 16000	50.1	51.4	53.3	54.2	55.3	56.2	56.4	56.8	56.9	57.0	57.1	57.1	57.2	57.2	57.3	57.4
GE 14000	50.2	51.6	53.4	54.3	55.4	56.3	56.6	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.4	57.6
GE 12000	52.0	53.4	55.4	56.3	57.4	58.3	58.7	59.0	59.1	59.2	59.3	59.3	59.4	59.4	59.6	59.7
GE 10000	54.7	56.4	58.7	59.7	60.9	61.8	62.1	62.4	62.6	62.7	62.8	62.8	62.9	62.9	63.0	63.1
GE 9000	55.1	57.2	59.6	60.6	61.8	62.8	63.1	63.4	63.6	63.7	63.8	63.8	63.9	63.9	64.0	64.1
GE 8000	59.2	61.3	63.8	64.9	66.1	67.3	67.8	68.1	68.2	68.4	68.6	68.6	68.7	68.7	68.8	68.9
GE 7000	60.0	62.1	64.6	65.7	66.9	68.1	68.6	68.9	69.0	69.2	69.3	69.3	69.4	69.4	69.6	69.7
GE 6000	60.9	63.3	65.9	67.0	68.2	69.4	69.9	70.2	70.3	70.6	70.7	70.7	70.8	70.8	70.9	71.0
GE 5000	62.0	64.7	67.4	69.1	70.4	71.7	72.1	72.4	72.6	72.8	72.9	72.9	73.0	73.0	73.1	73.2
GE 4500	62.6	65.3	68.1	69.9	71.2	72.4	72.9	73.2	73.6	73.8	74.0	74.0	74.1	74.1	74.2	74.3
GE 4000	63.6	66.3	69.2	71.2	72.7	74.0	74.4	74.8	75.1	75.3	75.6	75.6	75.7	75.7	75.8	75.9
GE 3500	64.6	67.3	70.2	72.2	73.7	75.0	75.4	75.8	76.1	76.3	76.6	76.6	76.7	76.7	76.8	76.9
GE 3000	65.7	68.7	71.7	74.0	75.7	77.0	77.4	77.8	78.1	78.3	78.6	78.6	78.7	78.7	78.8	78.9
GE 2500	66.1	69.1	72.1	74.6	76.3	77.7	78.1	78.4	78.8	79.1	79.3	79.3	79.4	79.4	79.6	79.7
GE 2000	66.9	69.9	73.0	75.4	77.3	78.7	79.2	79.6	79.9	80.2	80.4	80.4	80.6	80.6	80.7	80.8
GE 1800	67.2	70.2	73.3	75.8	77.7	79.0	79.6	79.9	80.2	80.6	80.8	80.8	80.9	80.9	81.0	81.1
GE 1500	67.9	70.9	74.0	76.7	78.6	79.9	80.4	80.8	81.1	81.4	81.7	81.7	81.8	81.8	81.9	82.0
GE 1200	68.9	72.0	75.2	78.1	80.0	81.3	82.0	82.4	82.8	83.1	83.3	83.3	83.4	83.4	83.6	83.7
GE 1000	69.3	72.6	75.9	78.9	80.9	82.3	83.1	83.7	84.0	84.3	84.6	84.6	84.7	84.7	84.8	84.9
GE 900	70.1	73.3	76.7	79.9	82.0	83.6	84.4	85.0	85.3	85.7	85.9	85.9	86.0	86.0	86.1	86.2
GE 800	70.2	73.4	77.1	80.4	82.9	84.4	85.4	86.0	86.3	86.7	86.9	86.9	87.0	87.0	87.1	87.2
GE 700	70.2	73.4	77.1	80.6	83.0	84.7	85.8	86.3	86.8	87.1	87.3	87.3	87.4	87.4	87.6	87.7
GE 600	71.0	74.2	78.2	82.0	85.1	87.0	88.1	88.8	89.2	89.7	89.9	89.9	90.0	90.0	90.1	90.2
GE 500	71.3	74.6	78.7	82.7	85.8	87.7	88.9	89.6	90.0	90.6	90.8	90.8	90.9	91.0	91.1	91.2
GE 400	71.4	74.7	79.1	83.3	87.0	89.0	90.3	91.8	92.3	93.0	93.4	93.4	93.7	93.8	93.9	94.0
GE 300	71.4	74.7	79.2	83.8	87.8	89.9	91.4	93.6	94.4	95.4	96.1	96.3	96.8	96.9	97.1	97.2
GE 200	71.4	74.7	79.2	83.8	87.9	90.0	91.6	94.0	95.0	96.2	97.0	97.2	98.2	98.4	98.8	99.0
GE 100	71.4	74.7	79.2	83.8	87.9	90.0	91.6	94.0	95.0	96.2	97.1	97.3	98.4	99.0	99.4	99.9
GE 000	71.4	74.7	79.2	83.8	87.9	90.0	91.6	94.0	95.0	96.2	97.1	97.3	98.4	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 09-11

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	53.0	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 18000	53.3	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 16000	53.3	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	53.8	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 12000	55.1	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	58.9	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	59.6	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	62.3	64.6	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	62.9	65.1	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 6000	63.3	65.7	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	64.1	66.6	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4500	65.8	68.2	69.1	69.6	70.0	70.0	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	68.4	71.0	72.2	72.9	73.4	73.6	73.7	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	69.7	72.3	73.9	74.8	75.3	75.6	75.8	75.8	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
GE 3000	71.4	74.2	75.9	77.0	77.7	78.0	78.4	78.4	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	72.1	74.9	76.6	77.7	78.4	78.8	79.2	79.2	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	72.7	75.6	77.2	78.3	79.1	79.6	80.0	80.1	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
GE 1800	73.1	76.0	77.7	78.8	79.6	80.0	80.4	80.6	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
GE 1500	73.8	76.7	78.6	79.7	80.4	80.9	81.4	81.7	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 1200	75.6	78.4	80.4	81.6	82.3	82.9	83.7	84.0	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
GE 1000	76.3	79.4	81.4	82.6	83.6	84.2	85.1	85.4	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 900	76.8	80.2	82.2	83.6	84.6	85.2	86.1	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 800	77.4	81.0	83.0	84.4	85.7	86.4	87.4	87.8	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 700	78.1	81.8	84.2	86.0	87.7	88.8	89.8	90.2	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	78.9	82.7	85.3	87.3	90.0	91.1	92.1	92.8	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6
GE 500	79.0	82.9	85.6	87.7	90.4	91.7	93.4	94.2	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 400	79.0	83.0	85.9	88.2	91.3	92.9	94.8	95.9	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.2	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.1
GE 200	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.3	98.2	99.0	99.3	99.4	99.4	99.7	99.8	99.8
GE 100	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.3	98.2	99.0	99.3	99.4	99.4	99.8	100.0	100.0
GE 000	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.3	98.2	99.0	99.3	99.4	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	55.4	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	55.6	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 16000	55.6	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000	56.0	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000	58.2	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000	60.8	61.7	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000	61.8	62.7	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000	65.9	67.0	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	66.6	67.7	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	67.1	68.2	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	68.8	70.0	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	70.8	72.0	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	74.1	75.4	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	75.8	77.3	78.2	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3000	78.0	79.7	80.7	81.3	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	79.0	80.7	81.7	82.6	83.3	83.3	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2000	80.4	82.1	83.1	84.0	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1800	80.6	82.2	83.2	84.1	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	81.9	83.6	84.6	85.4	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1200	83.4	85.1	86.3	87.4	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	83.9	85.6	86.9	88.1	89.1	89.2	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	85.0	86.7	88.3	89.6	90.6	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	85.6	87.2	89.2	90.6	91.7	92.0	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	86.4	88.2	90.6	91.9	93.6	93.9	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	86.7	88.4	90.8	92.4	94.3	94.7	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	86.7	88.6	91.0	93.0	95.1	95.8	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	86.9	88.8	91.2	93.2	95.6	96.7	97.6	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	86.9	88.8	91.2	93.2	95.6	96.9	97.8	98.6	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
GE 200	86.9	88.8	91.2	93.2	95.6	96.9	97.8	98.7	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	86.9	88.8	91.2	93.2	95.6	96.9	97.8	98.7	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	86.9	88.8	91.2	93.2	95.6	96.9	97.8	98.7	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.6	44.9	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 20000	54.6	54.9	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	54.7	55.0	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 16000	54.8	55.1	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 14000	55.0	55.3	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	57.9	58.2	58.6	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 10000	60.6	61.0	61.4	61.8	62.2	62.2	62.2	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4
GE 9000	61.2	61.7	62.2	62.7	63.1	63.1	63.1	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3
GE 8000	67.1	67.9	68.6	69.0	69.4	69.4	69.4	69.4	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7
GE 7000	67.7	68.4	69.1	69.7	70.2	70.2	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4
GE 6000	68.7	69.4	70.1	70.7	71.2	71.2	71.2	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	70.2	71.0	71.7	72.3	72.9	72.9	73.0	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	72.7	73.4	74.1	74.8	75.3	75.4	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	75.1	75.9	76.7	77.6	78.3	78.4	78.6	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	76.9	78.1	78.9	79.8	80.6	80.7	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	79.3	80.7	81.6	82.9	83.8	83.9	84.0	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	80.2	81.6	82.4	83.9	85.2	85.3	85.4	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	80.7	82.1	83.0	84.4	85.8	85.9	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 1800	80.7	82.1	83.0	84.4	85.8	85.9	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	81.7	83.2	84.1	85.6	86.9	87.0	87.1	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200	83.1	84.8	85.8	87.2	88.9	89.2	89.3	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	83.9	85.7	86.9	88.4	90.1	90.4	90.6	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	85.1	86.9	88.1	89.7	91.3	91.7	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	85.2	87.0	88.6	90.2	92.0	92.3	92.4	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	86.1	88.0	89.5	91.4	93.3	93.7	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	86.1	88.3	89.9	91.8	93.9	94.2	94.6	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	86.2	88.4	90.3	92.4	94.8	95.1	95.7	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	86.2	88.6	90.6	92.7	95.2	95.7	96.3	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 300	86.2	88.6	90.6	92.7	95.4	95.9	96.8	97.7	98.1	98.6	98.8	98.8	99.0	99.1	99.2	99.2
GE 200	86.2	88.6	90.6	92.7	95.4	95.9	96.8	97.7	98.3	98.9	99.2	99.2	99.6	99.7	99.8	99.8
GE 100	86.2	88.6	90.6	92.7	95.4	95.9	96.8	97.7	98.3	98.9	99.3	99.3	99.7	99.8	100.0	100.0
GE 000	86.2	88.6	90.6	92.7	95.4	95.9	96.8	97.7	98.3	98.9	99.3	99.3	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	47.4	47.8	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	54.8	56.1	56.6	57.0	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 18000	54.9	56.2	56.7	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 16000	54.9	56.2	56.7	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	55.7	57.0	57.5	57.9	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	58.5	59.8	60.4	60.8	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 10000	62.6	64.3	64.9	65.4	65.9	66.0	66.0	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	62.8	64.5	65.4	65.8	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 8000	66.0	68.0	69.2	69.6	70.4	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	67.3	69.3	70.5	70.9	71.8	72.0	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 6000	68.9	71.0	72.3	72.7	73.6	73.8	73.8	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	71.4	73.6	74.9	75.5	76.4	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4500	73.7	76.1	77.6	78.3	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	75.4	77.7	79.3	80.0	81.1	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	77.4	79.7	81.4	82.2	83.5	83.9	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000	78.8	81.2	82.9	83.6	85.1	85.4	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	79.4	81.7	83.5	84.5	86.1	86.4	86.6	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	79.5	81.8	83.7	84.7	86.3	86.6	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	79.5	81.8	83.7	84.7	86.3	86.6	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1500	80.1	82.4	84.3	85.3	86.9	87.2	87.5	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1200	81.2	83.5	85.5	86.7	88.4	88.8	89.1	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	81.3	83.6	86.0	87.3	89.0	89.3	89.6	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 900	81.6	84.0	86.4	87.8	89.4	89.8	90.1	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	82.0	84.4	86.9	88.3	90.0	90.3	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 700	82.2	84.6	87.2	88.8	90.6	91.0	91.5	91.8	91.8	92.0	92.0	92.0	92.1	92.2	92.2	92.2
GE 600	82.3	84.7	87.4	89.0	90.9	91.2	92.0	92.3	92.4	92.7	92.7	92.7	92.8	92.9	92.9	92.9
GE 500	82.3	85.0	87.6	89.5	91.9	92.3	93.1	93.4	93.5	93.8	93.8	93.8	94.0	94.1	94.1	94.1
GE 400	82.3	85.3	88.1	90.0	92.5	93.3	94.2	94.7	94.9	95.1	95.1	95.1	95.5	95.7	95.7	95.7
GE 300	82.3	85.4	88.2	90.1	93.4	94.4	95.8	96.9	97.3	98.1	98.3	98.3	98.8	98.9	98.9	98.9
GE 200	82.3	85.4	88.2	90.1	93.4	94.5	95.9	97.1	97.7	98.6	98.9	98.9	99.4	99.6	99.7	99.7
GE 100	82.3	85.4	88.2	90.1	93.4	94.5	95.9	97.1	97.7	98.6	99.0	99.0	99.6	99.7	99.9	100.0
GE 000	82.3	85.4	88.2	90.1	93.4	94.5	95.9	97.1	97.7	98.6	99.0	99.0	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	53.0	54.3	55.2	55.6	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	55.2	56.7	58.3	59.3	59.8	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000	55.2	56.7	58.3	59.3	59.8	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	55.2	56.7	58.3	59.3	59.8	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	55.4	57.0	58.5	59.5	60.0	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 12000	56.5	58.2	59.8	60.8	61.2	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 10000	60.2	61.9	63.7	64.7	65.1	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 9000	60.4	62.1	64.0	65.0	65.4	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 8000	64.5	66.2	68.7	69.8	70.3	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
GE 7000	66.4	68.1	70.6	71.7	72.2	72.7	73.1	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4
GE 6000	67.4	69.1	71.6	72.7	73.2	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4
GE 5000	71.0	72.7	75.3	76.5	77.3	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
GE 4500	71.9	73.6	76.8	78.0	78.8	79.4	79.8	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2
GE 4000	72.9	74.6	77.8	79.0	79.9	80.5	80.9	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3
GE 3500	74.2	75.9	79.2	80.4	81.5	82.1	82.5	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
GE 3000	74.7	76.4	79.6	80.8	82.2	82.8	83.3	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
GE 2500	75.0	76.7	80.0	81.5	82.7	83.4	83.8	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
GE 2000	75.4	77.0	80.4	81.9	83.1	83.7	84.2	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
GE 1800	75.6	77.3	80.6	81.9	83.4	84.1	84.5	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1
GE 1500	76.4	78.0	81.5	82.9	84.4	85.1	85.5	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 1200	76.8	78.7	82.5	84.2	85.6	86.3	86.7	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4
GE 1000	77.1	79.0	82.8	84.5	86.0	86.6	87.1	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 900	77.5	79.4	83.4	85.1	86.5	87.3	87.7	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
GE 800	77.8	80.0	84.2	85.8	87.8	88.7	89.2	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9	89.9
GE 700	77.8	80.2	84.3	86.0	88.3	89.2	89.7	90.2	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6
GE 600	77.5	80.2	84.3	86.1	88.7	89.6	90.2	90.7	90.7	91.1	91.1	91.1	91.2	91.2	91.2	91.2
GE 500	77.9	80.3	84.6	86.5	89.3	90.5	91.1	91.6	91.6	92.0	92.0	92.0	92.1	92.1	92.1	92.1
GE 400	78.1	80.5	85.4	87.4	90.4	92.0	92.5	93.1	93.1	93.4	93.4	93.4	93.5	93.5	93.6	93.8
GE 300	78.1	80.5	85.4	87.4	91.0	92.9	94.1	95.3	95.3	95.8	96.1	96.1	96.2	96.2	96.3	96.5
GE 200	78.1	80.5	85.4	87.4	91.2	93.1	94.4	95.8	95.9	97.0	97.4	97.7	98.2	98.3	98.6	98.8
GE 100	78.1	80.5	85.4	87.4	91.2	93.1	94.4	95.8	95.9	97.0	97.4	97.7	98.2	98.3	99.2	100.0
GE 000	78.1	80.5	85.4	87.4	91.2	93.1	94.4	95.8	95.9	97.0	97.4	97.7	98.2	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.5	47.3	48.1	48.8	49.3	49.5	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	53.1	54.2	55.1	55.9	56.6	56.8	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3
GE 18000	53.3	54.4	55.3	56.1	56.8	57.0	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.6
GE 16000	53.4	54.5	55.4	56.2	56.9	57.1	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.6
GE 14000	53.7	54.8	55.7	56.5	57.2	57.4	57.6	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.0
GE 12000	55.5	56.7	57.6	58.4	59.1	59.3	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9
GE 10000	58.7	60.0	61.1	62.0	62.7	63.0	63.1	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.6
GE 9000	59.2	60.6	61.8	62.7	63.5	63.7	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.4
GE 8000	63.2	64.7	66.1	67.1	67.9	68.2	68.5	68.7	68.7	68.8	68.9	68.9	68.9	68.9	69.0	69.1
GE 7000	64.2	65.7	67.2	68.2	69.0	69.4	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2
GE 6000	65.1	66.6	68.2	69.1	70.0	70.4	70.7	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.2
GE 5000	66.9	68.6	70.2	71.3	72.3	72.6	73.0	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.5
GE 4500	68.5	70.2	72.0	73.2	74.2	74.6	75.0	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.6
GE 4000	70.4	72.1	74.0	75.3	76.5	76.9	77.3	77.5	77.7	77.7	77.8	77.8	77.9	77.9	77.9	78.0
GE 3500	71.7	73.6	75.5	76.8	78.1	78.5	78.9	79.2	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.7
GE 3000	73.1	75.0	77.0	78.5	79.9	80.4	80.9	81.1	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.7
GE 2500	73.7	75.6	77.7	79.3	80.8	81.3	81.8	82.0	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.6
GE 2000	74.3	76.2	78.3	80.0	81.6	82.1	82.6	82.9	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.5
GE 1800	74.5	76.4	78.5	80.2	81.8	82.3	82.8	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.6
GE 1500	75.2	77.2	79.3	81.0	82.7	83.2	83.7	84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.6
GE 1200	76.3	78.4	80.7	82.5	84.2	84.8	85.3	85.7	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.3
GE 1000	76.9	79.0	81.4	83.3	85.1	85.7	86.3	86.7	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.3
GE 900	77.4	79.6	82.1	84.1	85.9	86.6	87.2	87.6	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.2
GE 800	77.8	80.1	82.8	84.9	87.0	87.7	88.4	88.8	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.4
GE 700	78.2	80.5	83.4	85.6	88.0	88.7	89.5	90.0	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.6
GE 600	78.5	80.9	84.0	86.3	89.0	89.9	90.7	91.3	91.5	91.7	91.8	91.8	91.8	91.9	91.9	92.0
GE 500	78.6	81.1	84.3	86.9	89.9	90.8	91.8	92.4	92.7	92.9	93.0	93.0	93.1	93.2	93.2	93.3
GE 400	78.7	81.2	84.7	87.4	90.7	91.9	93.1	93.9	94.3	94.6	94.8	94.8	94.9	95.0	95.1	95.2
GE 300	78.7	81.3	84.8	87.6	91.3	92.7	94.2	95.5	96.0	96.7	97.0	97.0	97.3	97.4	97.5	97.7
GE 200	78.7	81.3	84.8	87.7	91.5	92.8	94.4	95.9	96.5	97.4	97.9	98.0	98.5	98.7	98.9	99.2
GE 100	78.7	81.3	84.8	87.7	91.5	92.8	94.4	95.9	96.6	97.4	98.0	98.0	98.6	98.8	99.3	99.9
GE 000	78.7	81.3	84.8	87.7	91.5	92.8	94.4	95.9	96.6	97.4	98.0	98.0	98.6	98.8	99.3	100.0

TOTAL NUMBER OF OBSRVATIONS 7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.0	50.6	51.9	53.5	56.0	56.3	56.7	57.0	57.0	57.1	57.4	57.4	57.4	57.4	57.4	58.0
GE 20000	53.3	55.4	57.2	59.5	62.4	62.7	63.0	63.3	63.3	63.4	63.8	63.8	63.8	63.8	63.9	64.5
GE 18000	53.3	55.4	57.2	59.5	62.4	62.7	63.0	63.3	63.3	63.4	63.8	63.8	63.8	63.8	63.9	64.5
GE 16000	53.3	55.4	57.2	59.5	62.4	62.7	63.0	63.3	63.3	63.4	63.8	63.8	63.8	63.8	63.9	64.5
GE 14000	53.5	55.6	57.4	59.7	62.6	62.9	63.2	63.5	63.5	63.7	64.0	64.0	64.0	64.0	64.1	64.7
GE 12000	55.1	57.1	58.9	61.3	64.2	64.5	64.8	65.2	65.2	65.3	65.6	65.6	65.6	65.6	65.7	66.3
GE 10000	58.4	61.0	63.0	65.4	68.3	68.6	68.9	69.2	69.2	69.4	69.7	69.7	69.7	69.7	69.8	70.4
GE 9000	58.6	61.2	63.2	65.6	68.5	68.8	69.1	69.5	69.5	69.6	69.9	69.9	69.9	69.9	70.0	70.6
GE 8000	61.6	64.2	66.2	68.6	71.8	72.2	72.5	72.8	72.8	72.9	73.2	73.2	73.2	73.2	73.3	74.0
GE 7000	62.5	65.1	67.1	69.5	72.7	73.0	73.3	73.7	73.7	73.8	74.1	74.1	74.1	74.1	74.2	74.8
GE 6000	63.7	66.2	68.5	71.1	74.3	74.6	74.9	75.3	75.3	75.4	75.7	75.7	75.7	75.7	75.8	76.5
GE 5000	65.3	68.0	70.3	72.9	76.3	76.7	77.0	77.3	77.3	77.4	77.7	77.7	77.7	77.7	77.8	78.5
GE 4500	66.1	68.8	71.2	74.0	77.8	78.2	78.5	78.9	78.9	79.0	79.4	79.4	79.4	79.4	79.5	80.1
GE 4000	67.5	70.2	72.7	75.5	79.4	79.7	80.0	80.4	80.4	80.5	80.9	80.9	80.9	80.9	81.0	81.6
GE 3500	67.7	70.5	73.1	75.9	79.8	80.1	80.5	81.0	81.0	81.1	81.4	81.4	81.4	81.4	81.5	82.2
GE 3000	68.8	71.6	74.2	77.0	80.9	81.4	81.9	82.4	82.4	82.5	82.8	82.8	82.8	82.8	82.9	83.5
GE 2500	69.7	72.5	75.1	78.1	82.0	82.6	83.1	83.7	83.7	83.8	84.1	84.1	84.1	84.1	84.2	84.8
GE 2000	69.9	72.7	75.3	78.3	82.3	82.8	83.3	83.9	83.9	84.0	84.3	84.3	84.3	84.3	84.4	85.1
GE 1800	69.9	72.7	75.3	78.3	82.3	82.8	83.3	83.9	83.9	84.0	84.3	84.3	84.3	84.3	84.4	85.1
GE 1500	70.3	73.1	75.8	78.8	83.0	83.5	84.1	84.6	84.6	84.7	85.1	85.1	85.1	85.1	85.2	85.8
GE 1200	70.4	73.2	75.9	78.9	83.1	83.7	84.2	84.7	84.7	84.8	85.2	85.2	85.2	85.2	85.3	85.9
GE 1000	70.5	73.3	76.0	79.0	83.3	83.9	84.4	84.9	84.9	85.1	85.4	85.4	85.4	85.4	85.5	86.1
GE 900	70.5	73.4	76.3	79.6	83.9	84.4	84.9	85.5	85.5	85.6	85.9	85.9	85.9	85.9	86.0	86.7
GE 800	70.9	73.8	76.7	79.9	84.2	84.7	85.3	85.8	85.8	85.9	86.2	86.3	86.3	86.3	86.5	87.1
GE 700	71.2	74.4	77.3	80.5	84.9	85.5	86.0	86.6	86.6	86.7	87.0	87.1	87.1	87.1	87.2	87.8
GE 600	71.3	74.5	77.5	81.1	85.6	86.2	86.8	87.3	87.3	87.4	87.7	87.8	87.8	87.8	88.0	88.6
GE 500	71.8	75.1	78.2	81.9	87.0	87.7	88.3	88.8	88.9	89.0	89.5	89.6	89.6	89.6	89.7	90.3
GE 400	72.3	75.7	78.9	82.8	88.1	89.0	89.9	90.6	90.8	91.0	91.4	91.5	91.5	91.5	91.6	92.3
GE 300	72.4	75.8	79.0	82.9	88.5	89.5	90.3	91.2	91.3	92.3	92.8	92.9	93.1	93.1	93.2	93.9
GE 200	72.4	75.8	79.2	83.1	88.7	89.8	90.8	91.8	92.2	93.4	94.3	94.5	95.2	95.4	96.0	97.3
GE 100	72.4	75.8	79.2	83.1	88.7	89.8	90.8	91.9	92.3	93.8	94.6	94.9	96.0	96.2	97.8	99.9
GE 000	72.4	75.8	79.2	83.1	88.7	89.8	90.8	91.9	92.3	93.8	94.6	94.9	96.0	96.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	42.9	44.3	46.0	48.3	49.1	49.7	50.1	50.5	50.6	50.8	50.8	50.9	51.1	51.1	51.4
GE 20000	44.9	46.6	48.1	50.1	52.7	53.8	54.6	55.4	55.8	56.0	56.1	56.1	56.2	56.5	56.5	57.2
GE 18000	45.3	46.9	48.4	50.4	53.0	54.1	54.9	55.7	56.1	56.3	56.5	56.5	56.6	56.8	56.8	57.5
GE 16000	45.3	46.9	48.4	50.4	53.1	54.2	55.1	55.8	56.2	56.5	56.6	56.6	56.7	56.9	56.9	57.6
GE 14000	45.5	47.1	48.6	50.8	53.4	54.5	55.4	56.1	56.6	56.8	56.9	56.9	57.0	57.2	57.2	58.0
GE 12000	47.2	48.8	50.3	52.5	55.2	56.2	57.1	57.8	58.3	58.5	58.6	58.6	58.7	58.9	58.9	59.7
GE 10000	50.4	52.3	54.2	56.5	59.2	60.4	61.3	62.0	62.5	62.7	62.8	62.8	62.9	63.1	63.1	63.9
GE 9000	50.8	52.6	54.5	56.8	59.6	60.8	61.6	62.4	62.8	63.0	63.2	63.2	63.4	63.7	63.7	64.4
GE 8000	53.3	55.4	57.4	59.9	62.7	64.2	65.2	66.1	66.6	66.8	67.0	67.0	67.2	67.4	67.4	68.2
GE 7000	55.3	57.4	59.7	62.4	65.2	66.7	67.6	68.6	69.0	69.2	69.5	69.5	69.7	69.9	69.9	70.6
GE 6000	56.3	58.7	61.3	64.2	67.1	68.6	69.7	70.8	71.2	71.5	71.7	71.7	71.9	72.2	72.2	72.9
GE 5000	57.3	59.8	62.7	65.8	68.8	70.3	71.4	72.5	72.9	73.3	73.5	73.5	73.8	74.0	74.0	74.7
GE 4500	58.3	60.8	64.1	67.3	70.5	72.0	73.1	74.2	74.6	75.1	75.3	75.3	75.5	75.7	75.7	76.5
GE 4000	60.5	63.1	66.7	70.0	73.3	74.8	75.9	77.0	77.4	77.8	78.1	78.1	78.3	78.5	78.5	79.2
GE 3500	62.2	64.7	68.5	71.8	75.2	76.7	77.7	78.8	79.2	79.7	79.9	79.9	80.1	80.3	80.3	81.1
GE 3000	62.4	64.9	68.7	72.0	75.4	76.9	78.1	79.2	79.7	80.1	80.3	80.3	80.5	80.8	80.8	81.5
GE 2500	62.9	65.5	69.2	72.6	75.9	77.4	78.6	79.8	80.2	80.6	80.9	80.9	81.1	81.3	81.3	82.0
GE 2000	63.2	65.8	69.6	72.9	76.2	77.7	78.9	80.1	80.5	81.0	81.2	81.2	81.4	81.6	81.6	82.4
GE 1800	63.2	65.8	69.6	72.9	76.2	77.7	78.9	80.1	80.5	81.0	81.2	81.2	81.4	81.6	81.6	82.4
GE 1500	63.4	66.0	69.8	73.5	76.9	78.4	79.6	80.8	81.2	81.7	81.9	81.9	82.2	82.4	82.4	83.1
GE 1200	63.5	66.3	70.1	73.9	77.3	78.8	80.1	81.3	81.7	82.3	82.5	82.5	82.7	82.9	82.9	83.7
GE 1000	63.5	66.3	70.1	73.9	77.3	78.8	80.1	81.3	81.7	82.3	82.5	82.5	82.7	82.9	82.9	83.7
GE 900	63.8	66.6	70.4	74.3	77.7	79.2	80.5	81.7	82.2	82.7	82.9	82.9	83.1	83.3	83.3	84.1
GE 800	64.0	66.8	70.6	74.5	78.0	79.5	80.8	81.9	82.4	82.9	83.1	83.1	83.3	83.5	83.5	84.3
GE 700	64.4	67.2	71.1	74.9	78.6	80.1	81.4	82.6	83.0	83.5	83.8	83.8	84.0	84.2	84.2	84.9
GE 600	64.9	67.7	71.8	76.1	80.0	81.6	82.9	84.1	84.5	85.1	85.3	85.3	85.5	85.7	85.7	86.5
GE 500	65.3	68.2	72.4	76.9	81.0	82.8	84.3	85.8	86.2	86.9	87.2	87.2	87.4	87.6	87.7	88.5
GE 400	65.4	68.3	72.5	77.1	81.7	83.8	85.5	87.3	87.7	88.5	88.8	88.8	89.0	89.2	89.4	90.1
GE 300	65.4	68.3	72.6	77.5	82.4	84.8	86.7	88.9	89.4	90.2	90.8	90.9	91.1	91.3	91.7	92.5
GE 200	65.4	68.3	72.6	77.5	82.5	84.9	86.8	89.1	89.8	91.1	91.9	92.0	92.8	93.0	94.5	96.0
GE 100	65.4	68.3	72.6	77.5	82.5	84.9	86.8	89.1	89.8	91.1	92.3	92.4	93.2	93.7	96.0	99.6
GE 000	65.4	68.3	72.6	77.5	82.5	84.9	86.8	89.1	89.8	91.1	92.3	92.4	93.2	93.8	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.2	41.6	44.5	46.3	48.6	49.1	49.1	49.7	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.2
GE 20000	45.4	47.3	51.2	53.3	56.2	56.8	56.9	57.5	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.1
GE 18000	46.1	48.1	52.0	54.2	57.1	57.6	57.7	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9
GE 16000	46.1	48.1	52.0	54.2	57.2	57.7	57.8	58.5	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.0
GE 14000	46.5	48.4	52.5	54.6	57.6	58.2	58.3	58.9	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.5
GE 12000	49.1	51.1	55.2	57.4	60.4	61.0	61.1	61.7	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.4
GE 10000	51.5	53.5	58.0	60.8	63.8	64.4	64.6	65.3	65.6	65.7	65.8	65.8	65.8	65.8	65.8	66.0
GE 9000	51.7	53.9	58.3	61.2	64.3	64.9	65.5	66.1	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.9
GE 8000	55.2	57.4	62.4	65.4	68.5	69.1	69.7	70.3	70.6	70.8	70.9	70.9	70.9	70.9	70.9	71.1
GE 7000	56.7	58.9	64.1	67.3	70.4	71.1	71.6	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	73.1
GE 6000	57.5	59.8	65.1	68.5	71.8	72.5	73.0	73.8	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.5
GE 5000	59.4	61.7	67.1	70.8	74.2	74.8	75.4	76.1	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.9
GE 4500	60.5	62.9	68.5	72.4	75.9	76.6	77.1	77.8	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.6
GE 4000	61.8	64.5	70.2	74.2	78.0	78.6	79.2	80.0	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.8
GE 3500	62.4	65.1	71.0	75.1	78.9	79.6	80.2	81.0	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.7
GE 3000	62.5	65.5	71.6	75.8	79.9	80.5	81.2	81.9	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.7
GE 2500	62.7	65.7	71.8	76.0	80.1	80.8	81.4	82.2	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.9
GE 2000	62.8	65.8	72.0	76.3	80.4	81.1	81.7	82.5	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.2
GE 1800	63.0	66.0	72.3	76.6	80.6	81.3	81.9	82.7	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.4
GE 1500	63.4	66.6	72.8	77.1	81.2	81.9	82.6	83.3	83.7	83.8	83.9	83.9	83.9	83.9	83.9	84.1
GE 1200	63.7	66.8	73.0	77.3	81.4	82.2	82.8	83.7	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.4
GE 1000	64.0	67.1	73.3	77.6	81.7	82.6	83.2	84.1	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.8
GE 900	64.5	67.7	74.0	78.3	82.4	83.2	83.9	84.7	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.5
GE 800	64.7	68.0	74.2	78.6	82.8	83.8	84.4	85.3	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.1
GE 700	64.8	68.1	74.5	79.2	83.4	84.4	85.1	85.9	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.8
GE 600	64.9	68.2	74.9	79.9	84.1	85.2	85.8	86.7	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.5
GE 500	65.2	68.5	75.3	80.2	84.6	85.7	86.3	87.4	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.4
GE 400	65.2	68.6	75.9	80.9	85.3	86.7	87.7	89.7	90.1	90.4	91.0	91.0	91.0	91.0	91.0	91.2
GE 300	65.2	68.6	75.9	81.1	85.5	87.5	88.9	91.5	92.3	93.0	93.9	94.0	94.1	94.1	94.3	94.5
GE 200	65.2	68.6	75.9	81.2	85.6	87.6	89.0	91.6	92.5	93.7	95.2	95.6	96.8	97.3	98.1	98.5
GE 100	65.2	68.6	75.9	81.2	85.6	87.6	89.0	91.6	92.5	93.7	95.3	95.7	97.0	97.8	99.6	100.0
GE 000	65.2	68.6	75.9	81.2	85.6	87.6	89.0	91.6	92.5	93.7	95.3	95.7	97.0	97.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 09-11

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	49.5	51.8	52.6	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 20000	53.7	56.2	59.0	60.0	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	54.3	56.9	59.7	60.6	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000	54.4	57.0	59.8	60.8	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 14000	54.9	57.6	60.5	61.5	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	55.9	58.8	61.8	62.8	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 10000	59.9	63.1	67.0	68.2	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 9000	60.4	63.7	67.6	68.8	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	64.4	67.8	72.3	73.7	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 7000	64.9	68.5	72.9	74.3	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 6000	65.4	68.9	73.3	74.9	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 5000	66.9	70.4	75.1	76.7	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4500	67.7	71.3	75.9	77.5	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	68.8	72.4	77.2	78.8	79.7	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	69.9	73.4	78.5	80.1	81.0	81.1	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	70.8	74.7	79.9	81.9	83.0	83.2	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	70.9	74.8	80.0	82.0	83.2	83.4	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	71.3	75.3	80.4	82.6	83.8	84.1	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1800	71.3	75.3	80.4	82.6	83.9	84.2	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1500	71.9	76.1	81.3	83.5	84.9	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1200	72.8	77.2	82.4	84.7	86.2	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	73.2	78.0	83.1	85.8	87.7	88.2	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 900	73.9	78.9	84.1	86.8	89.0	89.5	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	74.2	79.2	84.4	87.2	89.6	90.0	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 700	74.5	79.8	85.1	87.8	90.3	90.8	91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	74.8	80.1	85.5	88.6	91.4	91.8	92.3	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	75.1	80.5	86.2	89.5	92.6	93.1	94.1	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	75.2	80.8	86.5	89.8	93.3	94.2	95.6	96.6	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	75.2	80.8	86.5	89.8	93.3	94.2	95.9	97.2	98.0	98.7	98.8	98.9	98.9	98.9	98.9	98.9
GE 200	75.2	80.8	86.5	89.8	93.3	94.2	95.9	97.4	98.2	99.1	99.4	99.5	99.5	99.5	99.5	99.5
GE 100	75.2	80.8	86.5	89.8	93.3	94.2	95.9	97.4	98.2	99.1	99.4	99.5	99.6	99.6	99.8	100.0
GE 000	75.2	80.8	86.5	89.8	93.3	94.2	95.9	97.4	98.2	99.1	99.4	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.6	48.7	49.8	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	58.4	61.1	62.9	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	58.4	61.1	62.9	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 16000	58.4	61.1	62.9	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 14000	59.0	61.7	63.5	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 12000	60.4	63.3	65.4	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 10000	64.9	68.1	70.5	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	65.8	68.9	71.4	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 8000	68.8	72.4	74.8	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 7000	68.9	72.5	75.1	75.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000	69.9	73.4	76.2	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	71.2	74.7	78.1	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4500	71.3	75.2	78.5	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	72.6	76.6	79.9	81.1	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500	74.9	78.9	82.5	83.9	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	76.8	81.2	84.8	86.2	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500	77.3	81.8	85.6	87.0	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	78.4	82.9	86.8	88.3	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800	78.7	83.2	87.1	88.6	90.0	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	79.2	83.8	87.7	89.4	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	80.2	84.7	88.7	90.3	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	80.3	84.9	88.9	90.6	92.4	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	80.6	85.3	89.2	91.0	92.8	93.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	80.6	85.7	89.7	91.5	93.7	94.5	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	80.6	85.8	89.8	91.6	93.8	94.7	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	81.2	86.3	90.3	92.3	94.5	95.5	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	81.4	86.7	90.6	92.8	95.4	96.6	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	81.4	86.7	90.6	92.8	95.5	96.9	98.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	81.4	86.7	90.6	92.9	95.6	97.0	98.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	81.4	86.7	90.6	92.9	95.6	97.0	98.1	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 100	81.4	86.7	90.6	92.9	95.6	97.0	98.1	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	100.0
GE 000	81.4	86.7	90.6	92.9	95.6	97.0	98.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.1	48.5	50.1	50.2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	56.9	58.6	60.9	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18000	57.1	58.8	61.2	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	57.1	58.8	61.2	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	57.7	59.5	61.9	62.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	59.9	61.9	64.4	64.7	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 10000	63.7	66.0	68.9	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	63.9	66.3	69.2	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	66.6	69.9	73.0	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	67.2	70.5	73.7	75.1	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	68.4	71.8	75.1	76.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 5000	69.8	73.2	76.5	78.0	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4500	70.4	74.1	77.5	79.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	71.9	75.6	79.4	81.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	74.4	78.5	82.6	84.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	76.2	80.3	84.6	86.5	88.1	88.1	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2500	76.9	81.1	85.4	87.2	88.8	88.8	88.9	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	77.4	81.6	86.1	88.1	89.8	89.9	90.0	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	77.6	81.8	86.3	88.4	90.1	90.2	90.3	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	77.8	82.0	86.6	88.7	90.9	91.2	91.3	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	78.1	82.4	87.0	89.2	91.6	92.2	92.3	92.7	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	78.3	82.7	87.4	89.7	92.0	92.7	92.9	93.3	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	78.3	82.7	87.4	89.7	92.0	92.8	93.0	93.4	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	78.8	83.2	88.0	90.2	92.8	93.5	93.8	94.3	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	79.0	83.5	88.3	90.6	93.2	94.1	94.5	95.2	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	79.0	83.5	88.6	91.0	93.5	94.4	95.1	95.7	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	79.1	83.7	88.9	91.5	94.3	95.2	96.3	97.3	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	79.1	83.7	88.9	91.6	94.7	95.6	97.0	98.3	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	79.1	83.7	88.9	91.6	94.8	95.7	97.1	98.4	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	79.1	83.7	88.9	91.6	94.8	95.7	97.1	98.5	98.6	99.5	99.8	99.9	99.9	99.9	99.9	99.9
GE 100	79.1	83.7	88.9	91.6	94.8	95.7	97.1	98.5	98.6	99.5	99.8	99.9	99.9	100.0	100.0	100.0
GE 000	79.1	83.7	88.9	91.6	94.8	95.7	97.1	98.5	98.6	99.5	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.7	44.0	45.4	46.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 20000	52.5	54.3	56.2	58.1	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000	52.6	54.4	56.3	58.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 16000	52.6	54.4	56.3	58.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	52.8	54.9	57.0	58.8	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	55.6	57.8	60.2	62.3	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 10000	58.4	61.0	63.7	66.0	68.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	58.9	61.5	64.3	66.7	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 8000	62.8	65.9	69.0	71.7	75.1	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 7000	64.0	67.1	70.2	72.9	76.3	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 6000	64.8	68.0	71.1	73.8	77.3	77.5	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	66.3	69.5	72.6	75.3	78.9	79.1	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	67.6	70.8	74.0	76.7	80.3	80.5	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	68.9	72.3	75.5	78.4	82.2	82.5	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	70.5	74.5	77.7	80.8	84.5	84.8	85.2	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	70.9	74.9	78.3	81.5	85.3	85.6	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2500	71.2	75.4	78.7	82.2	86.2	86.6	87.0	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2000	71.4	75.6	79.0	82.7	87.0	87.3	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	71.4	75.6	79.0	82.8	87.1	87.4	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	72.0	76.2	79.7	83.7	88.2	88.5	89.0	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	72.2	76.3	79.8	84.0	88.5	88.8	89.5	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1000	72.2	76.5	79.9	84.1	88.6	89.0	89.7	89.8	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 900	72.4	76.7	80.1	84.3	88.8	89.4	90.0	90.2	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 800	72.5	76.8	80.2	84.6	89.1	89.7	90.3	90.6	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	72.7	77.1	80.5	84.9	89.9	90.5	91.3	91.6	91.6	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	72.7	77.1	80.6	85.1	90.1	91.1	92.0	92.9	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 500	73.0	77.4	81.1	85.6	90.8	91.8	92.9	94.1	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	73.0	77.4	81.1	85.7	91.6	92.8	94.3	96.3	96.3	96.9	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	73.0	77.4	81.1	85.7	91.6	92.8	94.3	96.5	96.7	97.3	98.2	98.2	98.2	98.2	98.2	98.2
GE 200	73.0	77.4	81.1	85.7	91.6	92.8	94.3	96.7	96.9	97.7	98.8	98.9	99.0	99.0	99.1	99.1
GE 100	73.0	77.4	81.1	85.7	91.6	92.8	94.3	96.7	96.9	97.7	98.8	98.9	99.0	99.0	99.7	100.0
GE 000	73.0	77.4	81.1	85.7	91.6	92.8	94.3	96.7	96.9	97.7	98.8	98.9	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	51.5	52.9	54.3	57.4	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2
GE 20000	55.3	57.7	59.8	61.9	65.7	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.7
GE 18000	55.3	57.7	59.8	61.9	65.7	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.7
GE 16000	55.3	57.7	59.8	61.9	65.7	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.7
GE 14000	55.4	57.8	60.0	62.2	66.0	66.2	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	67.0
GE 12000	57.6	60.1	62.6	64.8	68.7	69.0	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.8
GE 10000	59.5	61.9	64.8	67.1	71.0	71.3	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.2
GE 9000	60.1	62.6	65.5	67.7	71.6	71.9	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.8
GE 8000	62.8	65.7	68.7	71.3	75.5	75.8	75.9	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.6	76.8
GE 7000	63.5	66.5	69.5	72.0	76.2	76.6	76.7	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.3	77.5
GE 6000	65.1	68.0	71.1	73.7	78.0	78.3	78.4	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.2
GE 5000	66.9	69.8	72.9	75.6	79.9	80.2	80.3	80.8	80.8	80.8	80.8	80.8	80.9	80.9	81.0	81.2
GE 4500	68.0	70.9	74.1	76.8	81.1	81.4	81.5	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.3	82.5
GE 4000	69.4	72.4	75.6	78.3	82.8	83.2	83.3	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.2	84.4
GE 3500	69.8	72.9	76.2	79.0	83.8	84.2	84.3	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.2	85.4
GE 3000	70.8	73.9	77.3	80.2	85.1	85.5	85.6	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.5	86.7
GE 2500	71.4	74.5	78.1	81.1	86.1	86.6	86.8	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.6	87.8
GE 2000	72.2	75.3	78.8	81.9	87.0	87.4	87.6	88.3	88.3	88.3	88.3	88.4	88.5	88.5	88.6	88.8
GE 1800	72.2	75.4	79.1	82.3	87.4	87.8	88.1	88.7	88.7	88.7	88.7	88.8	88.9	88.9	89.0	89.2
GE 1500	72.4	75.6	79.4	82.5	87.7	88.2	88.4	89.0	89.0	89.1	89.1	89.2	89.4	89.4	89.5	89.7
GE 1200	72.4	75.6	79.4	82.5	87.7	88.2	88.4	89.0	89.0	89.1	89.1	89.2	89.4	89.4	89.5	89.7
GE 1000	72.5	75.8	79.6	82.7	88.1	88.6	88.8	89.5	89.5	89.6	89.6	89.7	89.8	89.8	89.9	90.1
GE 900	72.5	75.9	79.7	83.2	88.6	89.1	89.4	90.0	90.0	90.1	90.1	90.2	90.3	90.3	90.4	90.6
GE 800	72.8	76.2	80.0	83.5	89.1	89.7	89.9	90.5	90.5	90.6	90.6	90.8	90.9	90.9	91.0	91.2
GE 700	73.0	76.5	80.2	83.9	89.7	90.3	90.6	91.3	91.3	91.4	91.4	91.5	91.6	91.6	91.7	91.9
GE 600	73.1	76.6	80.4	84.3	90.3	91.2	91.6	92.3	92.3	92.5	92.6	92.7	92.9	92.9	93.0	93.2
GE 500	73.7	77.1	81.0	84.8	91.0	91.8	92.3	93.5	93.5	93.8	93.9	94.0	94.2	94.2	94.3	94.5
GE 400	73.8	77.2	81.2	85.3	92.2	93.1	94.0	95.6	95.6	95.8	96.0	96.1	96.3	96.3	96.5	96.7
GE 300	73.8	77.2	81.2	85.3	92.5	93.4	94.4	96.0	96.1	96.5	97.1	97.2	97.5	97.5	97.6	97.8
GE 200	73.8	77.2	81.2	85.3	92.5	93.4	94.4	96.3	96.5	96.8	97.5	97.6	98.5	98.5	99.1	99.4
GE 100	73.8	77.2	81.2	85.3	92.5	93.4	94.4	96.3	96.5	96.8	97.5	97.6	98.5	98.5	99.4	100.0
GE 000	73.8	77.2	81.2	85.3	92.5	93.4	94.4	96.3	96.5	96.8	97.5	97.6	98.5	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.5	47.2	48.8	50.0	51.6	51.8	52.0	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5
GE 20000	52.5	54.7	56.9	58.5	60.4	60.7	60.9	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.5	61.7
GE 18000	52.8	54.9	57.2	58.7	60.7	61.0	61.2	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.9
GE 16000	52.8	54.9	57.2	58.8	60.7	61.0	61.3	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.8	62.0
GE 14000	53.2	55.3	57.7	59.2	61.3	61.6	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.5
GE 12000	55.1	57.4	59.9	61.5	63.5	63.8	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.8
GE 10000	58.3	60.9	63.	65.6	67.7	68.1	68.3	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.9	69.1
GE 9000	58.8	61.3	64.3	66.1	68.3	68.6	68.9	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.5	69.7
GE 8000	61.9	64.8	68.0	70.0	72.4	72.7	73.0	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.9
GE 7000	62.9	65.8	69.0	71.2	73.5	73.9	74.2	74.5	74.6	74.6	74.7	74.7	74.8	74.8	74.8	75.0
GE 6000	63.9	66.9	70.2	72.5	74.9	75.3	75.6	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.5
GE 5000	65.4	68.4	71.9	74.3	76.8	77.2	77.5	77.8	77.9	78.0	78.1	78.1	78.1	78.2	78.2	78.4
GE 4500	66.3	69.3	73.0	75.4	78.0	78.4	78.8	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.5	79.7
GE 4000	67.7	70.9	74.6	77.2	80.0	80.4	80.7	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.7
GE 3500	69.0	72.3	76.3	78.9	81.7	82.2	82.5	82.9	83.0	83.1	83.2	83.2	83.2	83.3	83.3	83.5
GE 3000	69.9	73.4	77.4	80.1	83.1	83.6	84.0	84.4	84.5	84.7	84.8	84.8	84.8	84.8	84.9	85.1
GE 2500	70.4	73.9	78.0	80.8	83.8	84.3	84.7	85.2	85.3	85.4	85.5	85.5	85.5	85.6	85.6	85.8
GE 2000	70.8	74.4	78.5	81.4	84.5	85.0	85.5	85.9	86.0	86.2	86.3	86.3	86.3	86.4	86.4	86.6
GE 1800	70.9	74.5	78.6	81.5	84.7	85.2	85.7	86.2	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.8
GE 1500	71.3	74.9	79.1	82.2	85.5	86.0	86.5	87.0	87.1	87.3	87.4	87.4	87.4	87.4	87.5	87.7
GE 1200	71.7	75.3	79.5	82.6	86.0	86.6	87.1	87.6	87.7	87.8	87.9	88.0	88.0	88.0	88.1	88.3
GE 1000	71.8	75.6	79.8	82.9	86.4	87.1	87.6	88.1	88.2	88.3	88.5	88.5	88.5	88.5	88.6	88.8
GE 900	72.1	75.9	80.2	83.4	86.9	87.6	88.2	88.7	88.8	89.0	89.1	89.1	89.1	89.2	89.2	89.4
GE 800	72.3	76.2	80.5	83.8	87.4	88.2	88.7	89.3	89.4	89.7	89.8	89.8	89.8	89.9	89.9	90.1
GE 700	72.5	76.5	80.8	84.2	88.0	88.8	89.4	90.1	90.2	90.4	90.5	90.6	90.6	90.6	90.6	90.9
GE 600	72.8	76.8	81.2	84.8	88.7	89.6	90.3	91.0	91.2	91.5	91.6	91.6	91.7	91.7	91.7	91.9
GE 500	73.1	77.1	81.7	85.4	89.6	90.6	91.5	92.5	92.7	92.9	93.1	93.1	93.2	93.2	93.3	93.5
GE 400	73.2	77.3	81.9	85.7	90.3	91.5	92.7	94.2	94.4	94.8	95.1	95.1	95.1	95.2	95.2	95.4
GE 300	73.2	77.3	82.0	85.8	90.5	91.9	93.2	94.9	95.2	95.8	96.3	96.4	96.5	96.5	96.6	96.8
GE 200	73.2	77.3	82.0	85.9	90.6	91.9	93.3	95.1	95.5	96.4	97.1	97.2	97.7	97.8	98.3	98.7
GE 100	73.2	77.3	82.0	85.9	90.6	91.9	93.3	95.1	95.5	96.4	97.2	97.3	97.9	98.1	99.0	99.9
GE 000	73.2	77.3	82.0	85.9	90.6	91.9	93.3	95.1	95.5	96.4	97.2	97.3	97.9	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.1	51.1	52.5	53.7	54.4	54.8	55.9	55.9	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2
GE 20000	53.5	54.9	57.1	59.0	60.3	60.9	62.2	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5
GE 18000	53.7	55.1	57.2	59.1	60.4	61.0	62.3	62.3	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6
GE 16000	54.0	55.4	57.5	59.5	60.8	61.3	62.6	62.6	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 14000	54.1	55.5	57.6	59.6	60.9	61.4	62.7	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0
GE 12000	55.2	56.7	58.9	61.1	62.4	62.9	64.2	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5
GE 10000	60.2	61.8	64.2	66.5	67.7	68.3	69.6	69.6	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 9000	60.9	62.5	64.8	67.3	68.6	69.1	70.4	70.4	70.5	70.6	70.6	70.6	70.8	70.8	70.8	70.8
GE 8000	64.3	65.9	68.4	70.9	72.2	72.9	74.3	74.3	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6
GE 7000	64.4	66.0	68.5	71.0	72.3	73.0	74.5	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8
GE 6000	65.1	66.8	69.4	71.8	73.3	74.1	75.7	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0
GE 5000	67.6	69.6	72.3	74.7	76.2	77.0	78.7	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0
GE 4500	68.9	70.9	73.5	76.1	77.8	78.6	80.3	80.3	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6
GE 4000	70.4	72.5	75.5	78.1	80.3	81.1	82.8	82.8	82.9	83.0	83.0	83.0	83.1	83.2	83.2	83.2
GE 3500	71.1	73.1	76.2	78.9	81.3	82.4	84.1	84.1	84.2	84.3	84.3	84.3	84.4	84.5	84.5	84.5
GE 3000	71.3	73.4	76.7	79.4	82.3	83.3	85.1	85.1	85.2	85.3	85.3	85.3	85.4	85.5	85.5	85.5
GE 2500	72.0	74.2	77.5	80.3	83.2	84.3	86.2	86.2	86.3	86.5	86.5	86.5	86.6	86.7	86.7	86.7
GE 2000	72.8	74.9	78.4	81.3	84.3	85.4	87.3	87.3	87.4	87.5	87.5	87.5	87.6	87.7	87.7	87.7
GE 1800	72.8	74.9	78.4	81.3	84.3	85.4	87.3	87.3	87.4	87.5	87.5	87.5	87.6	87.7	87.7	87.7
GE 1500	73.1	75.4	78.8	81.7	84.8	85.9	88.0	88.0	88.1	88.2	88.2	88.2	88.3	88.4	88.4	88.4
GE 1200	73.2	75.5	78.9	81.8	84.9	86.0	88.1	88.1	88.2	88.3	88.3	88.3	88.4	88.5	88.5	88.5
GE 1000	73.3	75.6	79.1	82.2	85.3	86.5	88.5	88.5	88.6	88.7	88.7	88.7	88.8	88.9	88.9	88.9
GE 900	73.4	75.8	79.6	82.9	86.0	87.3	89.4	89.4	89.5	89.6	89.6	89.6	89.7	89.8	89.8	89.8
GE 800	73.8	76.1	80.0	83.3	86.5	87.8	89.9	89.9	90.0	90.1	90.1	90.1	90.2	90.3	90.3	90.3
GE 700	73.8	76.1	80.0	83.4	86.7	88.1	90.3	90.3	90.4	90.5	90.5	90.5	90.6	90.8	90.8	90.8
GE 600	73.9	76.2	80.4	84.1	87.3	88.7	91.1	91.1	91.2	91.3	91.3	91.3	91.4	91.5	91.5	91.5
GE 500	74.5	77.2	81.5	85.4	88.7	90.2	92.6	92.8	93.0	93.1	93.1	93.1	93.2	93.3	93.3	93.3
GE 400	74.9	77.7	82.2	86.0	89.9	91.5	94.1	94.3	94.5	94.6	94.6	94.6	94.8	94.9	94.9	94.9
GE 300	74.9	77.7	82.2	86.0	89.9	92.4	95.5	95.8	96.0	96.1	96.5	96.6	97.0	97.1	97.1	97.1
GE 200	74.9	77.7	82.2	86.0	89.9	92.5	95.7	96.3	96.7	97.0	97.5	98.1	98.6	98.7	98.7	98.8
GE 100	74.9	77.7	82.2	86.0	89.9	92.5	95.7	96.3	96.7	97.0	97.5	98.1	98.6	98.7	98.9	99.5
GE 000	74.9	77.7	82.2	86.0	89.9	92.5	95.7	96.3	96.7	97.0	97.5	98.1	98.6	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	46.2	47.8	49.0	50.0	50.5	51.1	51.3	51.5	51.9	52.0	52.0	52.2	52.2	52.2	52.3
GE 20000	48.6	51.2	52.9	54.5	55.8	56.7	57.2	57.4	57.6	58.1	58.2	58.2	58.3	58.3	58.3	58.5
GE 18000	48.7	51.3	53.0	54.6	56.0	56.9	57.4	57.6	57.8	58.3	58.4	58.4	58.5	58.5	58.5	58.7
GE 16000	48.7	51.3	53.0	54.6	56.0	56.9	57.4	57.6	57.8	58.3	58.4	58.4	58.5	58.5	58.5	58.7
GE 14000	48.9	51.5	53.2	54.8	56.2	57.1	57.7	58.0	58.2	58.6	58.7	58.7	58.8	58.8	58.8	59.0
GE 12000	50.2	52.8	54.7	56.	57.8	58.7	59.4	59.6	59.8	60.2	60.3	60.3	60.4	60.4	60.4	60.6
GE 10000	53.9	56.8	58.8	60.8	62.8	63.9	64.6	64.8	65.1	65.5	65.6	65.6	65.7	65.7	65.7	65.9
GE 9000	55.2	58.1	60.1	62.3	64.4	65.5	66.5	66.7	66.9	67.3	67.4	67.4	67.5	67.5	67.5	67.7
GE 8000	57.6	60.8	63.0	65.2	67.3	68.4	69.4	69.6	69.8	70.2	70.3	70.3	70.4	70.4	70.4	70.6
GE 7000	58.7	61.9	64.2	66.3	68.5	69.7	70.6	70.9	71.1	71.5	71.6	71.6	71.7	71.7	71.7	71.9
GE 6000	59.4	62.6	64.9	67.1	69.2	70.4	71.4	71.7	71.9	72.4	72.5	72.5	72.6	72.6	72.6	72.8
GE 5000	61.9	65.2	67.5	69.7	72.3	73.5	74.5	74.8	75.1	75.5	75.6	75.6	75.7	75.7	75.7	75.9
GE 4500	62.9	66.1	68.5	70.8	73.4	74.8	75.8	76.1	76.3	76.8	76.9	76.9	77.0	77.0	77.0	77.2
GE 4000	65.1	68.3	70.6	73.1	76.2	77.6	78.7	79.0	79.2	79.7	79.8	79.8	79.9	79.9	79.9	80.1
GE 3500	65.4	68.6	71.0	73.8	76.9	78.3	79.4	79.7	79.9	80.3	80.4	80.4	80.5	80.5	80.5	80.8
GE 3000	65.8	69.1	71.7	74.5	77.6	79.1	80.2	80.5	80.8	81.2	81.3	81.3	81.4	81.4	81.4	81.6
GE 2500	66.6	70.0	72.9	75.7	78.9	80.4	81.6	81.9	82.2	82.6	82.7	82.7	82.8	82.8	82.8	83.0
GE 2000	67.0	70.5	73.5	76.5	79.7	81.2	82.4	82.7	82.9	83.3	83.4	83.4	83.5	83.5	83.5	83.8
GE 1800	67.3	70.9	73.9	76.8	80.0	81.5	82.7	83.0	83.2	83.7	83.8	83.8	83.9	83.9	83.9	84.1
GE 1500	67.7	71.3	74.3	77.3	80.5	82.3	83.4	83.8	84.0	84.4	84.5	84.5	84.6	84.6	84.6	84.8
GE 1200	68.3	71.8	74.9	78.1	81.3	83.1	84.3	84.6	84.8	85.3	85.4	85.4	85.5	85.5	85.5	85.7
GE 1000	69.2	72.8	76.3	79.8	83.2	85.2	86.3	86.9	87.1	87.5	87.6	87.6	87.7	87.7	87.7	88.0
GE 900	69.4	72.9	76.5	80.0	83.7	85.6	86.8	87.3	87.5	88.0	88.1	88.1	88.2	88.2	88.2	88.4
GE 800	69.9	73.4	77.0	80.5	84.2	86.1	87.3	87.8	88.1	88.5	88.7	88.7	88.8	88.8	88.8	89.0
GE 700	70.2	74.0	77.6	81.2	85.2	87.3	88.5	89.0	89.2	89.7	89.9	89.9	90.0	90.0	90.0	90.2
GE 600	70.2	74.0	77.6	81.2	85.6	88.0	89.1	89.8	90.0	90.4	90.6	90.6	90.8	90.8	90.8	91.0
GE 500	70.3	74.1	77.8	81.5	86.8	89.1	90.3	91.1	91.3	91.7	91.9	91.9	92.0	92.0	92.0	92.3
GE 400	70.5	74.3	78.2	82.2	87.5	90.1	91.7	92.8	93.0	93.7	93.9	93.9	94.1	94.1	94.1	94.3
GE 300	70.5	74.3	78.3	82.3	87.7	90.4	92.3	93.7	93.9	94.6	94.9	94.9	95.3	95.3	95.5	95.7
GE 200	70.5	74.3	78.3	82.3	87.7	90.4	92.3	93.8	94.4	95.5	96.0	96.0	96.9	97.5	98.2	98.5
GE 100	70.5	74.3	78.3	82.3	87.7	90.4	92.3	93.9	94.5	95.6	96.1	96.1	97.1	97.7	98.6	99.8
GE 000	70.5	74.3	78.3	82.3	87.7	90.4	92.3	93.9	94.5	95.6	96.1	96.1	97.1	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	43.5	45.1	46.3	47.1	47.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.8	48.9
GE 20000	46.5	48.2	49.9	51.6	52.6	53.2	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.9
GE 18000	46.5	48.2	49.9	51.6	52.6	53.2	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.9
GE 16000	46.5	48.2	49.9	51.6	52.6	53.2	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.9
GE 14000	47.4	49.1	50.9	52.6	53.5	54.2	55.3	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.7	55.9
GE 12000	49.0	50.8	52.6	54.3	55.4	56.0	57.1	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.6	57.8
GE 10000	53.9	55.9	58.2	60.1	61.7	62.5	63.7	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.3	64.5
GE 9000	55.2	57.2	59.5	61.5	63.3	64.1	65.3	65.8	65.9	66.2	66.2	66.2	66.2	66.2	66.3	66.6
GE 8000	57.7	60.1	63.1	65.4	67.4	68.3	69.6	70.1	70.2	70.5	70.5	70.5	70.5	70.5	70.6	70.9
GE 7000	59.0	61.5	64.5	66.8	68.8	69.7	71.0	71.5	71.6	71.9	71.9	71.9	71.9	71.9	72.0	72.3
GE 6000	59.8	62.3	65.4	67.7	69.9	70.8	72.0	72.6	72.7	73.0	73.0	73.0	73.0	73.0	73.1	73.3
GE 5000	60.9	63.4	66.8	69.2	72.2	73.1	74.4	74.9	75.1	75.4	75.4	75.4	75.4	75.4	75.5	75.7
GE 4500	61.8	64.5	68.1	70.5	73.5	74.5	75.9	76.5	76.6	76.9	76.9	76.9	76.9	76.9	77.0	77.2
GE 4000	62.7	65.4	68.9	71.4	74.5	75.5	77.0	77.6	77.7	78.1	78.1	78.1	78.1	78.1	78.2	78.4
GE 3500	63.1	65.8	69.5	72.0	75.4	76.3	77.8	78.5	78.6	78.9	78.9	78.9	78.9	78.9	79.0	79.2
GE 3000	64.3	67.0	70.6	73.2	76.9	78.0	79.5	80.2	80.4	80.8	80.8	80.8	80.8	80.8	80.9	81.1
GE 2500	65.2	68.0	72.0	74.6	78.3	79.4	80.9	81.6	81.8	82.2	82.3	82.3	82.3	82.3	82.4	82.6
GE 2000	65.9	68.7	73.0	75.6	79.2	80.4	82.0	82.8	83.0	83.3	83.4	83.4	83.4	83.4	83.5	83.8
GE 1800	66.2	69.0	73.3	75.9	79.6	80.8	82.4	83.1	83.3	83.7	83.8	83.8	83.8	83.8	83.9	84.1
GE 1500	66.3	69.1	73.5	76.3	80.0	81.2	82.9	83.8	84.0	84.3	84.4	84.4	84.4	84.4	84.5	84.7
GE 1200	66.7	69.5	73.9	76.7	80.3	81.5	83.2	84.1	84.3	84.6	84.7	84.7	84.7	84.7	84.8	85.1
GE 1000	67.3	70.2	74.6	77.6	81.3	82.6	84.4	85.7	85.9	86.2	86.3	86.3	86.3	86.3	86.5	86.7
GE 900	68.2	71.2	75.8	78.8	82.5	83.9	85.7	87.0	87.2	87.5	87.6	87.6	87.6	87.6	87.7	88.0
GE 800	68.3	71.5	76.1	79.1	83.0	84.4	86.2	87.5	87.7	88.1	88.2	88.2	88.3	88.3	88.4	88.6
GE 700	68.5	71.7	76.5	79.6	83.5	84.9	86.8	88.1	88.3	88.6	88.7	88.7	88.8	88.8	88.9	89.1
GE 600	68.6	71.8	76.7	79.9	83.9	85.3	87.1	88.6	88.8	89.1	89.2	89.2	89.4	89.4	89.5	89.7
GE 500	69.0	72.4	77.5	80.9	85.3	86.8	88.8	90.4	90.6	91.0	91.1	91.1	91.2	91.2	91.3	91.5
GE 400	69.0	72.4	77.5	81.0	85.8	87.5	90.0	92.2	92.7	93.3	93.5	93.5	93.8	93.8	93.9	94.1
GE 300	69.0	72.4	77.5	81.0	85.8	87.6	90.2	92.8	93.8	94.8	95.2	95.2	95.4	95.4	95.6	96.0
GE 200	69.0	72.4	77.5	81.0	86.0	87.8	90.4	93.1	94.2	95.6	96.6	96.6	97.3	97.3	98.3	99.0
GE 100	69.0	72.4	77.5	81.0	86.0	87.8	90.4	93.1	94.2	95.6	96.6	96.6	97.4	97.6	98.7	100.0
GE 000	69.0	72.4	77.5	81.0	86.0	87.8	90.4	93.1	94.2	95.6	96.6	96.6	97.4	97.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	47.2	48.1	48.8	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	4.5
GE 20000	52.8	53.3	54.5	55.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 18000	53.2	53.8	54.9	55.8	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	53.2	53.8	54.9	55.8	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	53.8	54.4	55.7	56.6	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	55.9	56.6	57.8	58.8	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	60.0	60.9	62.7	63.7	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 9000	61.1	62.0	63.9	64.9	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	63.7	64.8	67.5	68.8	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	64.7	66.0	68.7	70.0	70.9	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 6000	65.3	66.6	69.2	70.8	71.6	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	67.2	68.9	71.6	73.2	74.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4500	67.7	69.5	72.2	73.9	74.8	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4000	68.5	70.5	73.4	75.2	76.1	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3500	70.4	72.6	75.5	77.2	78.2	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	73.0	75.2	78.3	80.5	81.5	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	73.7	75.8	78.9	81.2	82.2	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000	74.6	76.9	80.2	82.5	83.8	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	75.1	77.3	80.8	83.0	84.3	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	76.0	78.4	82.0	84.3	85.6	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	76.8	79.2	83.0	85.5	86.8	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	77.6	80.2	84.4	87.1	88.5	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	78.0	80.5	84.8	88.0	89.4	90.2	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	78.2	80.9	85.4	88.6	90.1	91.0	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	78.3	81.0	85.5	88.7	90.2	91.1	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	78.6	81.3	85.9	89.2	91.0	91.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 500	78.9	81.7	86.6	90.0	92.0	93.1	94.5	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 400	78.9	81.7	86.7	90.3	92.6	94.1	95.8	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 300	78.9	81.7	86.7	90.4	92.7	94.6	96.6	98.2	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	78.9	81.7	86.7	90.4	92.7	94.6	96.6	98.2	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8
GE 100	78.9	81.7	86.7	90.4	92.7	94.6	96.6	98.2	98.9	99.2	99.6	99.6	99.7	99.8	99.8	100.0
GE 000	78.9	81.7	86.7	90.4	92.7	94.6	96.6	98.2	98.9	99.2	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.7	45.6	47.1	48.1	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	54.6	55.5	57.4	58.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 18000	55.7	56.6	58.5	59.5	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	55.8	56.7	58.6	59.6	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	56.9	57.7	59.8	60.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 12000	58.5	59.6	61.6	62.6	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 10000	61.5	63.0	65.4	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 9000	62.2	63.7	66.0	67.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000	65.7	67.6	70.3	71.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 7000	66.5	68.5	71.2	72.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 6000	66.9	68.9	71.6	73.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 5000	68.3	70.3	73.0	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	69.1	71.4	74.2	75.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	71.2	73.5	76.3	77.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3500	74.7	77.1	79.9	81.5	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000	77.6	80.1	83.0	84.7	86.2	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2500	78.9	81.5	84.5	86.3	87.8	88.1	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	79.6	82.2	85.4	87.2	88.9	89.1	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1800	79.7	82.3	85.5	87.3	89.0	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	80.4	83.0	86.2	88.1	89.8	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	80.9	83.5	87.0	88.9	91.0	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	80.9	83.5	87.7	89.9	92.0	92.4	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	81.2	84.0	88.3	90.4	92.6	93.0	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	82.0	84.9	89.4	91.6	94.0	94.6	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	82.3	85.3	89.7	92.2	94.5	95.2	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	82.6	85.7	90.2	92.7	95.1	95.7	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	82.6	85.7	90.2	92.7	95.3	96.0	96.7	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	82.6	85.7	90.2	92.8	95.5	96.5	97.2	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	82.7	85.8	90.3	92.9	95.6	96.8	98.0	98.6	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	82.7	85.8	90.3	92.9	95.6	96.8	98.0	98.6	99.1	99.6	99.7	99.7	99.9	100.0	100.0	100.0
GE 100	82.7	85.8	90.3	92.9	95.6	96.8	98.0	98.6	99.1	99.6	99.7	99.7	99.9	100.0	100.0	100.0
GE 000	82.7	85.8	90.3	92.9	95.6	96.8	98.0	98.6	99.1	99.6	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	49.5	50.2	51.6	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	58.0	58.9	60.2	61.7	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	58.5	59.5	60.8	62.3	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	58.7	59.8	61.1	62.6	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 14000	59.9	61.0	62.3	63.8	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	61.9	63.3	65.1	66.6	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	65.5	67.1	69.4	71.0	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 9000	66.7	68.3	70.5	72.2	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 8000	69.7	71.5	74.1	75.7	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 7000	70.3	72.2	74.8	76.5	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000	70.9	72.7	75.4	77.3	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	73.3	75.5	78.3	80.2	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4500	74.0	76.1	78.9	81.0	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	75.8	78.1	81.0	83.2	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500	78.0	80.3	83.4	85.7	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	79.2	81.6	85.1	87.4	89.2	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500	79.6	81.9	85.4	87.7	89.6	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	80.3	82.8	86.2	88.6	90.6	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1800	80.4	82.9	86.3	88.7	90.9	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	80.6	83.1	86.6	88.9	91.1	91.7	91.9	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	81.0	83.4	86.9	89.2	91.5	92.2	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	81.1	83.5	87.2	89.7	92.0	92.7	93.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	81.3	83.8	87.4	90.0	92.4	93.3	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	81.6	84.2	87.8	90.6	93.2	94.2	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	81.8	84.4	88.2	91.0	93.5	94.6	95.4	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	82.0	84.6	88.5	91.3	94.1	95.2	95.9	96.5	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	82.0	84.7	88.8	91.6	94.5	95.7	96.8	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	82.3	84.9	89.1	91.9	94.8	96.0	97.1	97.6	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	82.4	85.1	89.2	92.2	95.3	96.6	97.6	98.4	99.1	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 200	82.4	85.1	89.2	92.2	95.3	96.6	97.6	98.5	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	82.4	85.1	89.2	92.2	95.3	96.6	97.6	98.5	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	82.4	85.1	89.2	92.2	95.3	96.6	97.6	98.5	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 7/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.4	48.9	50.0	51.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.9	52.9
GE 20000	56.9	58.2	60.0	61.9	63.2	63.5	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.1	64.1
GE 18000	57.6	58.9	60.8	62.7	64.0	64.3	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.8	64.8
GE 16000	57.8	59.1	61.0	62.9	64.2	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	65.1	65.1
GE 14000	58.8	60.1	61.9	64.0	65.4	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.2	66.2
GE 12000	60.9	62.2	64.1	66.3	67.8	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.7	68.7
GE 10000	65.3	66.6	69.0	71.3	72.8	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.7	73.7
GE 9000	65.9	67.3	69.8	72.2	73.7	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.6	74.6
GE 8000	68.6	70.4	72.9	75.6	77.2	77.6	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.2	78.2
GE 7000	69.4	71.3	73.9	76.6	78.2	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.1	79.1
GE 6000	71.0	73.0	75.6	78.6	80.2	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.2	81.2
GE 5000	73.7	75.7	78.5	81.5	83.3	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.4	84.4
GE 4500	74.3	76.5	79.4	82.5	84.3	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.4	85.4
GE 4000	75.8	78.0	80.9	84.0	85.8	86.3	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	87.0	87.0
GE 3500	76.6	78.8	81.8	84.9	87.1	87.6	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.3	88.3
GE 3000	77.4	79.9	83.1	86.3	88.5	89.0	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.7	89.7
GE 2500	78.0	80.5	83.8	87.0	89.4	90.0	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.8	90.8
GE 2000	78.3	81.0	84.3	87.5	89.9	90.5	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.6	91.6
GE 1800	78.5	81.2	84.5	87.7	90.2	90.9	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.9	91.9
GE 1500	78.8	81.8	85.2	88.4	90.9	91.5	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.6	92.6
GE 1200	78.9	81.9	85.3	88.6	91.1	91.9	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	93.0	93.0
GE 1000	78.9	81.9	85.3	88.6	91.1	91.9	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.2	93.2
GE 900	79.1	82.2	85.5	88.9	91.4	92.3	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.5	93.5
GE 800	79.1	82.5	85.9	89.4	91.8	92.9	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.2	94.2
GE 700	79.1	82.5	86.0	89.6	92.2	93.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.6	94.6
GE 600	79.4	82.7	86.3	90.0	92.7	93.8	94.7	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.4	95.4
GE 500	79.5	82.8	86.6	90.5	93.2	94.3	95.4	95.6	95.6	95.8	95.9	95.9	95.9	95.9	96.1	96.1
GE 400	79.6	83.0	86.8	90.9	93.9	94.9	96.1	96.3	96.5	96.7	97.3	97.3	97.3	97.3	97.5	97.5
GE 300	79.6	83.0	86.8	91.0	94.1	95.2	96.3	96.7	96.8	97.1	97.8	97.8	98.1	98.1	98.4	98.4
GE 200	79.6	83.0	86.8	91.1	94.3	95.5	96.8	97.3	97.6	98.0	98.9	99.1	99.4	99.4	99.7	99.7
GE 100	79.6	83.0	86.8	91.1	94.3	95.5	96.8	97.3	97.7	98.1	99.0	99.2	99.6	99.6	100.0	100.0
GE 000	79.6	83.0	86.8	91.1	94.3	95.5	96.8	97.3	97.7	98.1	99.0	99.2	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.7	54.1	56.0	57.6	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8
GE 20000	58.4	59.2	61.7	63.9	64.8	64.9	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6
GE 18000	58.5	59.4	61.8	64.0	64.9	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7
GE 16000	58.5	59.4	61.8	64.0	64.9	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7
GE 14000	58.7	59.6	62.0	64.2	65.2	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
GE 12000	60.9	61.7	64.3	66.6	67.6	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
GE 10000	65.4	66.6	69.2	71.5	72.6	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
GE 9000	66.0	67.2	69.9	72.2	73.2	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
GE 8000	69.9	71.2	74.2	76.5	77.5	77.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
GE 7000	70.5	71.8	74.9	77.2	78.3	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0
GE 6000	71.8	73.1	76.2	78.7	79.9	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6
GE 5000	73.1	74.4	78.0	80.5	81.7	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
GE 4500	75.1	76.5	80.1	83.3	84.5	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
GE 4000	76.3	77.8	81.6	84.9	86.3	86.5	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2
GE 3500	76.8	78.3	82.2	85.5	87.0	87.3	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1
GE 3000	77.2	78.7	82.7	86.0	87.6	88.0	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7
GE 2500	77.6	79.1	83.1	86.6	88.4	88.8	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6
GE 2000	77.8	79.4	83.3	86.8	88.6	89.0	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1
GE 1800	77.8	79.4	83.3	86.8	88.6	89.0	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1
GE 1500	78.0	79.7	84.0	87.4	89.2	89.8	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.9	90.9
GE 1200	78.2	79.9	84.4	87.8	89.7	90.2	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.3	91.3
GE 1000	78.3	80.1	84.6	88.1	89.9	90.4	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.6	91.6
GE 900	78.5	80.3	84.8	88.5	90.3	91.0	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.2	92.2
GE 800	78.5	80.4	85.1	88.9	90.8	91.4	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 700	78.5	80.4	85.1	89.4	91.3	92.0	92.9	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.4	93.4
GE 600	78.6	80.5	85.2	89.5	91.4	92.2	93.0	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.5
GE 500	79.0	81.2	85.9	90.2	92.5	93.2	94.1	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.7	94.7
GE 400	79.0	81.3	86.2	90.6	93.2	94.3	95.2	95.3	95.3	95.7	95.8	95.8	95.8	95.8	95.9	95.9
GE 300	79.0	81.3	86.2	90.9	93.7	94.9	95.9	96.0	96.1	96.7	97.2	97.2	97.2	97.2	97.5	97.5
GE 200	79.0	81.4	86.3	91.0	93.9	95.2	96.3	96.6	96.8	97.6	98.2	98.2	98.2	98.2	98.8	99.0
GE 100	79.0	81.4	86.3	91.0	93.9	95.2	96.3	96.6	96.8	97.6	98.3	98.3	98.3	98.4	99.5	99.8
GE 000	79.0	81.4	86.3	91.0	93.9	95.2	96.3	96.6	96.8	97.6	98.3	98.3	98.3	98.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.4	48.3	49.6	50.9	51.6	51.9	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5	52.5
GE 20000	53.7	54.9	56.7	58.3	59.3	59.7	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.5
GE 18000	54.0	55.3	57.1	58.7	59.7	60.1	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.9	60.9
GE 16000	54.2	55.4	57.2	58.8	59.9	60.2	60.7	60.7	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0
GE 14000	54.8	56.1	57.9	59.5	60.6	61.0	61.4	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.8
GE 12000	56.6	57.9	59.9	61.6	62.7	63.1	63.6	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.9
GE 10000	60.7	62.3	64.6	66.4	67.7	68.1	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9	69.0
GE 9000	61.6	63.3	65.6	67.4	68.8	69.2	69.7	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2
GE 8000	64.7	66.5	69.2	71.2	72.6	73.1	73.7	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.1
GE 7000	65.4	67.4	70.1	72.1	73.5	74.0	74.6	74.7	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0
GE 6000	66.3	68.2	71.0	73.1	74.6	75.2	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.2
GE 5000	68.3	70.4	73.2	75.4	77.1	77.7	78.3	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.8
GE 4500	69.2	71.4	74.4	76.7	78.5	79.1	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1
GE 4000	70.7	73.0	76.0	78.5	80.4	81.0	81.7	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.2
GE 3500	72.0	74.3	77.4	79.9	82.0	82.7	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.8	83.8
GE 3000	73.2	75.6	78.9	81.5	83.7	84.5	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.7
GE 2500	73.9	76.4	79.8	82.4	84.7	85.5	86.2	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.8
GE 2000	74.5	77.0	80.6	83.2	85.6	86.4	87.2	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.8	87.8
GE 1800	74.7	77.2	80.8	83.4	85.9	86.6	87.5	87.7	87.7	87.9	87.9	87.9	87.9	88.0	88.0	88.1
GE 1500	75.1	77.7	81.3	84.1	86.5	87.3	88.2	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8
GE 1200	75.5	78.1	81.8	84.6	87.1	88.0	88.9	89.1	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.5
GE 1000	75.8	78.5	82.4	85.4	87.9	88.9	89.9	90.2	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.6
GE 900	76.1	78.8	82.8	85.9	88.5	89.6	90.6	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.3	91.3
GE 800	76.4	79.2	83.3	86.5	89.2	90.3	91.3	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.1	92.1
GE 700	76.6	79.4	83.6	86.9	89.6	90.8	91.9	92.3	92.4	92.6	92.6	92.6	92.6	92.7	92.7	92.8
GE 600	76.7	79.6	83.9	87.2	90.1	91.3	92.5	93.0	93.1	93.3	93.4	93.4	93.4	93.4	93.5	93.5
GE 500	77.0	80.0	84.4	87.8	91.0	92.3	93.6	94.2	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.9
GE 400	77.1	80.1	84.6	88.2	91.7	93.1	94.7	95.4	95.7	96.1	96.2	96.2	96.3	96.3	96.4	96.4
GE 300	77.1	80.2	84.7	88.3	91.8	93.6	95.3	96.3	96.7	97.2	97.5	97.5	97.7	97.7	97.8	97.9
GE 200	77.1	80.2	84.7	88.3	91.9	93.7	95.5	96.5	97.1	97.8	98.3	98.4	98.7	98.9	99.2	99.4
GE 100	77.1	80.2	84.7	88.3	91.9	93.7	95.5	96.6	97.2	97.8	98.3	98.4	98.8	99.0	99.4	99.9
GE 000	77.1	80.2	84.7	88.3	91.9	93.7	95.5	96.6	97.2	97.8	98.3	98.4	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	1/4	GE 0
NO CEIL	55.3	56.3	57.3	57.9	59.1	59.2	59.4	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.1	60.3
GE 20000	57.3	58.7	59.8	60.3	61.7	61.8	62.3	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.1	63.4
GE 18000	57.3	58.7	59.8	60.3	61.7	61.8	62.3	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.1	63.4
GE 16000	57.4	58.8	59.9	60.4	61.8	61.9	62.4	62.9	62.9	62.9	63.0	63.0	63.1	63.1	63.2	63.6
GE 14000	57.6	58.9	60.0	60.6	61.9	62.0	62.6	63.0	63.0	63.0	63.1	63.1	63.2	63.2	63.3	63.7
GE 12000	58.3	59.7	60.8	61.4	62.8	62.9	63.4	63.9	63.9	63.9	64.0	64.0	64.1	64.1	64.2	64.6
GE 10000	60.8	62.1	63.2	63.9	65.2	65.3	65.9	66.3	66.3	66.3	66.4	66.4	66.6	66.6	66.7	67.0
GE 9000	61.4	62.8	64.0	64.7	66.0	66.1	66.7	67.1	67.1	67.1	67.2	67.2	67.3	67.3	67.4	67.8
GE 8000	63.9	65.3	67.3	68.1	69.6	69.7	70.2	70.7	70.7	70.7	70.8	70.8	70.9	70.9	71.0	71.3
GE 7000	64.8	66.2	68.2	69.1	70.6	70.7	71.2	71.7	71.7	71.7	71.8	71.8	71.9	71.9	72.0	72.3
GE 6000	66.4	67.9	69.9	70.8	72.2	72.3	72.9	73.3	73.3	73.3	73.4	73.4	73.6	73.6	73.7	74.0
GE 5000	69.8	71.3	73.6	74.4	75.9	76.0	76.6	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.3	77.7
GE 4500	70.4	72.0	74.3	75.2	76.7	76.8	77.3	77.8	77.8	77.8	77.9	77.9	78.0	78.0	78.1	78.4
GE 4000	71.7	73.2	75.6	76.4	77.9	78.0	78.6	79.0	79.0	79.0	79.1	79.1	79.2	79.2	79.3	79.7
GE 3500	72.8	74.3	76.8	77.7	79.1	79.2	79.8	80.2	80.2	80.2	80.3	80.3	80.4	80.4	80.6	80.9
GE 3000	73.3	75.0	77.4	78.3	79.8	79.9	80.4	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.2	81.6
GE 2500	74.3	76.0	78.4	79.3	80.8	80.9	81.4	81.9	81.9	81.9	82.0	82.0	82.1	82.1	82.2	82.6
GE 2000	75.6	77.2	79.7	80.6	82.0	82.1	82.7	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.4	83.8
GE 1800	75.6	77.2	79.7	80.7	82.2	82.3	82.9	83.3	83.3	83.3	83.4	83.4	83.6	83.6	83.7	84.0
GE 1500	76.2	77.9	80.3	81.4	83.1	83.2	83.8	84.2	84.2	84.2	84.3	84.3	84.4	84.4	84.6	84.9
GE 1200	77.1	78.8	81.3	82.4	84.1	84.3	85.0	85.4	85.4	85.4	85.6	85.6	85.7	85.7	85.8	86.1
GE 1000	77.1	78.8	81.4	82.8	84.4	84.7	85.3	85.8	85.8	85.8	85.9	85.9	86.0	86.0	86.1	86.4
GE 900	77.9	79.6	82.2	83.6	85.3	85.6	86.2	86.7	86.7	86.7	86.8	86.8	86.9	86.9	87.0	87.3
GE 800	78.3	80.0	82.7	84.0	85.8	86.1	86.8	87.2	87.2	87.3	87.4	87.4	87.6	87.6	87.7	88.0
GE 700	78.6	80.2	82.9	84.2	86.0	86.3	87.0	87.4	87.4	87.6	87.9	87.9	88.0	88.0	88.1	88.4
GE 600	78.7	80.3	83.1	85.3	87.2	88.0	88.7	89.1	89.1	89.2	89.6	89.6	89.7	89.7	89.8	90.1
GE 500	78.7	80.3	83.8	86.4	88.9	90.0	91.0	91.4	91.4	91.6	91.4	91.9	92.0	92.0	92.1	92.4
GE 400	78.9	80.7	84.3	87.3	90.3	92.0	93.2	93.8	93.9	94.1	94.4	94.4	94.6	94.6	94.7	95.0
GE 300	78.9	80.7	84.3	87.3	90.6	92.7	94.2	95.1	95.2	95.6	96.1	96.1	96.2	96.2	96.3	96.7
GE 200	78.9	80.7	84.3	87.3	90.6	92.8	94.6	95.6	95.7	96.1	97.0	97.0	97.2	97.6	98.1	98.8
GE 100	78.9	80.7	84.3	87.3	90.6	92.8	94.6	95.7	95.8	96.2	97.2	97.2	97.7	98.0	98.7	99.8
GE 000	78.9	80.7	84.3	87.3	90.6	92.8	94.6	95.7	95.8	96.2	97.2	97.2	97.7	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.3	54.8	56.0	56.4	57.3	57.8	57.9	58.6	58.7	58.8	58.8	58.8	58.8	59.0	59.2	59.3
GE 20000	55.9	57.3	58.7	59.3	60.6	61.1	61.2	61.9	62.0	62.1	62.1	62.1	62.1	62.3	62.6	63.0
GE 18000	56.0	57.4	58.8	59.4	60.7	61.2	61.3	62.0	62.1	62.2	62.2	62.2	62.2	62.4	62.7	63.1
GE 16000	56.1	57.6	58.9	59.6	60.8	61.3	61.4	62.1	62.2	62.3	62.3	62.3	62.3	62.6	62.8	63.2
GE 14000	56.2	57.7	59.0	59.7	60.9	61.4	61.6	62.2	62.3	62.4	62.4	62.4	62.4	62.7	62.9	63.3
GE 12000	56.9	58.6	59.9	60.8	62.0	62.6	62.7	63.3	63.4	63.6	63.6	63.6	63.6	63.8	64.0	64.4
GE 10000	59.2	60.9	62.3	63.2	64.4	65.0	65.1	65.8	65.9	66.0	66.0	66.0	66.0	66.2	66.4	66.9
GE 9000	59.4	61.1	62.6	63.4	64.7	65.2	65.3	66.0	66.1	66.2	66.2	66.2	66.2	66.4	66.7	67.1
GE 8000	60.6	62.2	64.0	65.0	66.7	67.2	67.4	68.1	68.2	68.3	68.3	68.3	68.3	68.6	68.8	69.2
GE 7000	61.9	63.7	65.4	66.6	68.2	68.8	69.0	69.7	69.8	69.9	69.9	69.9	69.9	70.1	70.3	70.8
GE 6000	62.3	64.1	65.9	67.0	68.8	69.3	69.6	70.2	70.3	70.4	70.4	70.4	70.4	70.7	70.9	71.3
GE 5000	64.7	66.6	68.3	69.6	71.4	72.0	72.2	72.9	73.0	73.1	73.1	73.1	73.1	73.3	73.6	74.0
GE 4500	65.1	67.1	68.9	70.1	72.0	72.6	72.8	73.4	73.6	73.7	73.7	73.7	73.7	73.9	74.1	74.6
GE 4000	66.3	68.3	70.1	71.6	73.4	74.0	74.2	74.9	75.0	75.1	75.1	75.1	75.1	75.3	75.6	76.0
GE 3500	67.8	69.9	71.7	73.2	75.1	75.7	75.9	76.6	76.7	76.8	76.8	76.8	76.8	77.0	77.2	77.7
GE 3000	68.9	71.0	73.0	74.6	76.6	77.1	77.3	78.2	78.3	78.6	78.6	78.6	78.6	78.8	79.0	79.4
GE 2500	70.3	72.6	74.7	76.2	78.2	78.8	79.0	79.9	80.0	80.2	80.2	80.2	80.2	80.4	80.7	81.1
GE 2000	72.0	74.2	76.4	78.0	80.0	80.6	80.8	81.7	81.8	82.0	82.0	82.0	82.0	82.2	82.4	82.9
GE 1800	72.0	74.2	76.4	78.0	80.0	80.6	80.8	81.7	81.8	82.0	82.0	82.0	82.0	82.2	82.4	82.9
GE 1500	72.3	74.6	76.8	78.3	80.8	81.3	81.7	82.6	82.7	82.9	82.9	82.9	82.9	83.1	83.3	83.8
GE 1200	73.4	75.8	78.1	79.7	82.2	82.8	83.1	84.0	84.1	84.3	84.3	84.3	84.3	84.6	84.8	85.2
GE 1000	73.9	76.4	78.8	80.4	83.1	83.7	84.0	84.9	85.0	85.2	85.2	85.2	85.2	85.4	85.7	86.1
GE 900	74.6	77.1	79.7	81.4	84.2	84.8	85.2	86.1	86.2	86.4	86.4	86.4	86.4	86.7	86.9	87.3
GE 800	74.9	77.6	80.2	82.0	84.9	85.4	85.9	86.8	86.9	87.1	87.1	87.1	87.1	87.3	87.6	88.0
GE 700	75.3	78.0	80.7	82.4	85.3	85.9	86.3	87.3	87.4	87.7	87.7	87.7	87.7	87.9	88.1	88.6
GE 600	75.7	78.4	81.4	83.4	86.3	86.9	87.4	88.4	88.6	88.8	88.8	88.8	88.8	89.0	89.2	89.7
GE 500	76.1	78.9	82.1	84.8	88.3	89.1	89.8	90.9	91.0	91.2	91.2	91.2	91.2	91.4	91.7	92.1
GE 400	76.1	78.9	82.9	85.3	89.1	90.1	91.2	92.4	92.6	93.0	93.3	93.3	93.3	93.6	93.8	94.2
GE 300	76.1	79.0	83.1	85.8	89.8	90.9	92.3	94.1	94.3	95.0	95.3	95.3	95.6	95.9	96.1	96.7
GE 200	76.1	79.0	83.1	85.8	89.8	91.0	92.4	94.3	94.6	95.6	96.1	96.1	96.9	97.3	97.6	99.0
GE 100	76.1	79.0	83.1	85.8	89.8	91.0	92.4	94.3	94.6	95.6	96.2	96.2	97.0	97.4	97.9	100.0
GE 000	76.1	79.0	83.1	85.8	89.8	91.0	92.4	94.3	94.6	95.6	96.2	96.2	97.0	97.4	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.4	50.8	51.7	52.3	53.4	53.6	53.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.4
GE 20000	53.3	55.8	56.8	57.4	59.0	59.1	59.2	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.7	60.1
GE 18000	53.3	55.9	56.9	57.6	59.1	59.2	59.3	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.8	60.2
GE 16000	53.3	56.0	57.0	57.7	59.2	59.3	59.4	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.9	60.3
GE 14000	54.0	56.7	57.7	58.3	59.9	60.0	60.1	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.6	61.0
GE 12000	55.1	58.1	59.1	59.8	61.4	61.6	61.7	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.6
GE 10000	57.6	61.0	62.4	63.2	65.8	65.9	66.0	66.1	66.2	66.4	66.4	66.4	66.6	66.6	66.7	67.1
GE 9000	57.8	61.2	62.7	63.7	66.2	66.3	66.4	66.6	66.7	66.9	66.9	66.9	67.0	67.0	67.1	67.6
GE 8000	60.6	64.3	65.9	67.0	69.7	69.8	69.9	70.0	70.2	70.4	70.4	70.4	70.6	70.6	70.7	71.1
GE 7000	61.4	65.3	66.9	68.0	70.7	70.8	70.9	71.0	71.2	71.4	71.4	71.4	71.6	71.6	71.7	72.1
GE 6000	61.8	65.7	67.2	68.4	71.1	71.2	71.3	71.4	71.7	71.9	71.9	71.9	72.0	72.0	72.1	72.6
GE 5000	63.8	67.7	69.4	70.7	73.3	73.4	73.6	73.7	73.9	74.1	74.1	74.1	74.2	74.2	74.3	74.8
GE 4500	64.4	68.3	70.2	71.4	74.1	74.2	74.3	74.4	74.7	74.9	74.9	74.9	75.0	75.0	75.1	75.6
GE 4000	65.0	68.9	70.8	72.1	75.0	75.1	75.2	75.3	75.6	75.8	75.8	75.8	75.9	75.9	76.0	76.4
GE 3500	65.9	69.8	71.8	73.2	76.1	76.2	76.3	76.4	76.7	76.9	76.9	76.9	77.0	77.0	77.1	77.6
GE 3000	66.8	70.8	72.8	74.2	77.1	77.3	77.8	77.9	78.1	78.4	78.4	78.4	78.6	78.6	78.7	79.1
GE 2500	67.8	71.9	74.0	75.8	78.7	78.9	79.3	79.4	79.7	80.0	80.0	80.0	80.1	80.1	80.2	80.7
GE 2000	68.7	72.8	75.1	76.9	79.9	80.1	80.6	80.7	80.9	81.2	81.2	81.2	81.3	81.3	81.4	81.9
GE 1800	68.8	72.9	75.3	77.1	80.1	80.3	80.8	80.9	81.1	81.4	81.4	81.4	81.6	81.6	81.7	82.1
GE 1500	70.1	74.3	76.8	78.6	81.6	81.8	82.2	82.3	82.6	82.9	82.9	82.9	83.0	83.0	83.1	83.6
GE 1200	70.4	74.8	77.2	79.0	82.0	82.2	82.7	82.8	83.0	83.3	83.3	83.3	83.4	83.4	83.6	84.0
GE 1000	71.0	75.3	78.2	80.1	83.3	83.7	84.1	84.2	84.4	84.8	84.8	84.8	84.9	84.9	85.0	85.4
GE 900	71.6	75.9	78.8	80.7	83.9	84.2	84.7	84.8	85.0	85.3	85.3	85.3	85.4	85.4	85.6	86.0
GE 800	72.4	76.8	79.7	81.6	84.8	85.1	85.6	85.7	85.9	86.2	86.2	86.2	86.3	86.3	86.4	86.9
GE 700	73.2	77.6	80.6	82.6	85.9	86.2	87.0	87.1	87.3	87.7	87.7	87.7	87.8	87.8	87.9	88.3
GE 600	73.7	78.1	81.3	83.6	87.0	87.6	88.3	88.7	88.9	89.2	89.2	89.2	89.3	89.3	89.4	89.9
GE 500	73.9	78.8	82.0	84.3	88.2	89.0	90.1	90.7	91.0	91.3	91.3	91.3	91.4	91.4	91.6	92.0
GE 400	74.0	79.0	82.4	84.9	89.2	90.1	91.6	92.4	93.2	93.6	93.6	93.6	94.0	94.0	94.1	94.6
GE 300	74.0	79.0	82.4	85.2	89.6	90.8	92.8	94.2	95.0	96.0	96.1	96.1	96.6	96.6	96.7	97.2
GE 200	74.0	79.0	82.4	85.2	89.6	90.8	92.8	94.2	95.1	96.1	96.8	96.8	97.8	97.8	98.0	98.9
GE 100	74.0	79.0	82.4	85.2	89.6	90.8	92.8	94.2	95.1	96.2	96.9	96.9	97.9	98.1	98.4	100.0
GE 000	74.0	79.0	82.4	85.2	89.6	90.8	92.8	94.2	95.1	96.2	96.9	96.9	97.9	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.4	52.8	53.4	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	57.7	59.3	60.0	60.3	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	58.4	60.1	60.8	61.1	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 16000	58.4	60.1	60.8	61.1	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 14000	59.8	61.4	62.1	62.4	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 12000	61.4	63.1	63.9	64.2	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	64.7	66.7	67.8	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 9000	64.9	66.9	68.1	68.7	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 8000	68.0	70.3	71.8	72.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	68.6	70.9	72.4	73.1	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 6000	68.9	71.3	72.9	73.6	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 5000	69.9	72.3	74.0	74.9	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	70.8	73.2	74.9	75.8	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4000	72.4	74.9	76.6	77.4	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3500	73.7	76.1	77.8	78.7	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	75.2	77.7	79.7	80.7	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	75.6	78.1	80.1	81.1	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2000	76.6	79.2	81.2	82.2	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1800	76.8	79.4	81.4	82.4	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1500	78.4	81.1	83.1	84.1	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1200	80.0	82.8	84.9	85.9	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000	81.4	84.2	86.4	87.9	88.7	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	81.8	84.6	86.8	88.2	89.1	89.4	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	82.1	84.9	87.1	88.8	89.9	90.2	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	82.8	85.6	88.0	89.8	91.1	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	83.7	87.0	89.7	91.8	93.1	93.4	93.9	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	84.0	87.3	90.1	92.4	94.2	95.0	95.7	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	84.0	87.3	90.2	92.8	94.8	95.7	96.6	96.9	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6
GE 300	84.0	87.3	90.2	92.8	95.2	96.1	97.2	97.7	98.2	98.4	98.9	99.0	99.2	99.2	99.2	99.2
GE 200	84.0	87.3	90.2	92.8	95.2	96.1	97.2	97.7	98.2	98.6	99.1	99.2	99.4	99.4	99.4	99.6
GE 100	84.0	87.3	90.2	92.8	95.2	96.1	97.2	97.8	98.3	98.7	99.2	99.3	99.6	99.6	99.7	100.0
GE 000	84.0	87.3	90.2	92.8	95.2	96.1	97.2	97.8	98.3	98.7	99.2	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.9	53.3	54.6	54.7	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	60.2	60.8	62.1	62.2	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 18000	61.0	61.6	62.9	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000	61.3	61.9	63.2	63.3	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	62.2	62.8	64.1	64.2	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 12000	63.3	63.9	65.2	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	66.7	67.2	68.6	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	67.4	68.0	69.3	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 8000	70.4	71.0	72.3	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 7000	71.7	72.2	73.6	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	72.6	73.1	74.4	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 5000	73.9	74.6	75.9	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	74.8	75.4	76.8	77.2	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	76.9	77.6	79.0	79.4	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	78.4	79.1	80.6	81.0	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3000	81.6	82.2	83.7	84.1	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	82.2	82.9	84.3	84.8	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	83.7	84.4	85.9	86.3	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	84.0	84.8	86.2	86.7	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1500	85.7	86.4	87.9	88.3	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	86.3	87.1	88.6	89.0	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	87.4	88.4	90.2	90.7	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 900	87.8	88.8	90.6	91.0	91.9	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	88.8	89.9	91.7	92.1	93.1	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	89.0	90.2	92.2	92.8	93.9	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 600	89.2	90.7	92.9	93.7	94.8	95.2	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	89.3	90.8	93.0	93.8	95.0	95.4	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	89.3	90.8	93.0	93.9	95.3	95.9	97.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	89.3	90.8	93.0	94.1	95.7	96.2	97.9	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	89.3	90.8	93.0	94.1	95.7	96.2	97.9	98.9	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.3	90.8	93.0	94.1	95.7	96.2	97.9	98.9	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.3	90.8	93.0	94.1	95.7	96.2	97.9	98.9	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.4	52.6	53.1	53.4	53.6	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	58.7	60.3	61.1	61.6	61.8	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 18000	58.8	60.4	61.2	61.7	61.9	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	59.1	60.8	61.6	62.0	62.2	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 14000	60.3	62.0	62.8	63.2	63.4	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 12000	62.0	63.7	64.4	64.9	65.1	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	66.0	67.8	68.6	69.0	69.2	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	67.3	69.2	70.0	70.4	70.7	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 8000	71.7	73.7	74.6	75.2	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 7000	72.7	74.7	75.6	76.2	76.6	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6000	73.1	75.1	76.0	76.7	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 5000	75.2	77.2	78.2	78.9	79.2	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	76.8	78.9	80.0	80.7	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000	77.9	80.0	81.1	81.8	82.1	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3500	79.8	82.0	83.1	83.8	84.1	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	81.4	83.9	85.0	85.7	86.1	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	82.1	84.6	85.8	86.6	87.1	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2000	83.4	86.0	87.3	88.1	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	83.6	86.1	87.4	88.2	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
E 1500	84.4	87.0	88.3	89.1	89.7	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	85.1	87.7	89.2	90.0	90.6	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	85.4	88.0	89.6	90.3	91.1	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	85.6	88.1	89.7	90.4	91.3	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	86.2	88.8	90.4	91.2	92.1	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	86.3	88.9	90.8	91.8	93.2	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	86.9	89.8	91.8	93.0	94.4	95.1	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	86.9	89.8	91.9	93.1	95.1	96.2	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	86.9	89.8	91.9	93.1	95.7	96.9	97.2	97.7	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	86.9	89.8	91.9	93.1	95.7	96.9	97.7	98.2	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	86.9	89.8	91.9	93.1	95.7	96.9	97.7	98.2	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	86.9	89.8	91.9	93.1	95.7	96.9	97.7	98.2	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	86.9	89.8	91.9	93.1	95.7	96.9	97.7	98.2	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.4	55.8	56.4	56.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	59.8	61.2	62.4	62.6	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	59.8	61.2	62.4	62.6	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	59.8	61.2	62.4	62.6	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	60.6	62.0	63.2	63.3	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 12000	62.2	63.7	64.9	65.0	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000	65.9	67.3	68.6	68.7	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	66.1	67.6	68.9	69.0	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	70.1	72.0	73.7	73.8	75.3	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 7000	71.2	73.1	74.8	74.9	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 6000	71.9	73.8	75.4	75.6	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 5000	73.6	75.4	77.3	77.6	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4500	75.0	76.9	79.0	79.3	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	77.0	78.9	81.2	81.7	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	78.1	80.1	82.4	82.9	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	79.1	81.3	83.8	84.2	86.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	80.7	82.9	85.7	86.3	88.3	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000	81.4	83.7	86.4	87.1	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	81.4	83.7	86.4	87.1	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1500	81.6	83.8	86.6	87.2	89.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	82.2	84.4	87.2	87.9	90.0	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	82.2	84.4	87.2	87.9	90.0	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	82.3	84.6	87.4	88.2	90.3	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	82.4	84.7	87.7	88.4	90.9	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 700	82.4	85.0	88.2	89.0	91.6	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	82.9	85.8	89.0	89.8	92.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	82.9	85.8	89.0	89.9	92.7	93.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	83.1	86.0	89.2	90.3	93.6	95.1	96.1	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 300	83.1	86.0	89.4	90.6	93.8	95.4	96.8	97.6	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	83.1	86.0	89.4	90.6	93.8	95.4	96.8	97.6	98.1	98.2	98.9	98.9	99.0	99.1	99.2	99.3
GE 100	83.1	86.0	89.4	90.6	93.8	95.4	96.8	97.6	98.1	98.2	98.9	98.9	99.1	99.2	99.8	100.0
GE 000	83.1	86.0	89.4	90.6	93.8	95.4	96.8	97.6	98.1	98.2	98.9	98.9	99.1	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	56.0	57.7	57.9	59.1	59.4	59.6	59.7	59.7	59.8	60.0	60.0	60.1	60.1	60.1	60.2
GE 20000	59.1	60.1	61.8	62.1	63.3	63.7	63.8	63.9	63.9	64.1	64.4	64.4	64.6	64.6	64.6	64.7
GE 18000	59.1	60.1	61.8	62.1	63.3	63.7	63.8	63.9	63.9	64.1	64.4	64.4	64.6	64.6	64.6	64.7
GE 16000	59.1	60.1	61.8	62.1	63.3	63.7	63.8	63.9	63.9	64.1	64.4	64.4	64.6	64.6	64.6	64.7
GE 14000	59.7	60.7	62.3	62.7	63.9	64.2	64.3	64.4	64.4	64.7	65.0	65.0	65.1	65.1	65.1	65.2
GE 12000	61.0	62.0	63.7	64.0	65.2	65.6	65.7	65.8	65.8	66.0	66.3	66.3	66.4	66.4	66.4	66.6
GE 10000	62.8	63.8	65.4	66.0	67.2	67.6	67.7	67.8	67.8	68.0	68.3	68.3	68.4	68.4	68.4	68.6
GE 9000	63.2	64.2	65.9	66.4	67.7	68.0	68.1	68.2	68.2	68.4	68.8	68.8	68.9	68.9	68.9	69.0
GE 8000	66.9	68.0	70.2	70.9	72.1	72.4	72.6	72.7	72.7	72.9	73.2	73.2	73.3	73.3	73.3	73.4
GE 7000	68.0	69.1	71.6	72.2	73.4	73.8	73.9	74.0	74.0	74.2	74.6	74.6	74.7	74.7	74.7	74.8
GE 6000	69.3	70.4	72.9	73.6	74.8	75.1	75.2	75.3	75.3	75.6	75.9	75.9	76.0	76.0	76.0	76.1
GE 5000	72.0	73.2	75.9	76.6	77.8	78.1	78.2	78.3	78.3	78.6	78.9	78.9	79.0	79.0	79.0	79.1
GE 4500	72.1	74.3	77.0	77.8	79.0	79.3	79.4	79.6	79.6	79.8	80.1	80.1	80.2	80.2	80.2	80.3
GE 4000	74.6	76.0	78.7	79.4	80.7	81.0	81.1	81.2	81.2	81.4	81.8	81.8	81.9	81.9	81.9	82.0
GE 3500	75.7	77.1	79.8	80.7	81.9	82.2	82.3	82.4	82.4	82.7	83.0	83.0	83.1	83.1	83.1	83.2
GE 3000	76.8	78.4	81.3	82.2	83.4	83.8	83.9	84.0	84.0	84.2	84.6	84.6	84.7	84.7	84.7	84.8
GE 2500	77.6	79.2	82.3	83.3	84.6	84.9	85.0	85.1	85.1	85.3	85.7	85.7	85.8	85.8	85.8	85.9
GE 2000	78.4	80.2	83.3	84.4	85.7	86.0	86.1	86.2	86.2	86.4	86.8	86.8	86.9	86.9	86.9	87.0
GE 1800	78.4	80.2	83.3	84.4	85.7	86.0	86.1	86.2	86.2	86.4	86.8	86.8	86.9	86.9	86.9	87.0
GE 1500	79.0	80.8	83.9	85.1	86.4	86.8	86.9	87.0	87.0	87.2	87.6	87.6	87.7	87.7	87.7	87.8
GE 1200	79.3	81.1	84.4	85.7	87.0	87.3	87.4	87.6	87.6	87.8	88.1	88.1	88.2	88.2	88.2	88.3
GE 1000	79.4	81.2	84.7	85.9	87.2	87.6	87.7	87.8	87.8	88.0	88.3	88.3	88.4	88.4	88.4	88.6
GE 900	79.9	81.7	85.1	86.3	87.7	88.0	88.1	88.2	88.2	88.4	88.8	88.8	88.9	88.9	88.9	89.0
GE 800	80.0	81.8	85.2	86.6	88.0	88.4	88.6	88.8	88.8	89.0	89.3	89.3	89.4	89.4	89.4	89.6
GE 700	80.2	82.0	85.4	86.8	88.2	88.8	88.9	89.1	89.1	89.3	89.7	89.7	89.8	89.8	89.8	89.9
GE 600	80.7	82.4	86.2	87.7	89.3	90.6	90.7	90.9	90.9	91.1	91.4	91.4	91.6	91.6	91.6	91.7
GE 500	81.0	83.1	86.9	88.3	90.8	92.7	92.9	93.1	93.1	93.3	93.7	93.7	93.8	93.8	93.8	93.9
GE 400	81.0	83.3	87.1	88.8	91.9	94.1	94.4	94.9	94.9	95.2	95.6	95.6	95.7	95.7	95.7	95.8
GE 300	81.0	83.3	87.2	88.9	92.1	94.6	95.7	96.3	96.3	96.7	97.2	97.2	97.3	97.4	97.4	97.6
GE 200	81.0	83.3	87.2	88.9	92.1	94.6	95.7	96.6	96.6	97.0	97.6	97.6	98.1	98.2	98.2	98.7
GE 100	81.0	83.3	87.2	88.9	92.1	94.6	95.7	96.6	96.6	97.1	97.7	97.7	98.4	98.6	98.6	99.4
GE 000	81.0	83.3	87.2	88.9	92.1	94.6	95.7	96.6	96.6	97.1	97.7	97.7	98.4	98.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.8	54.0	55.0	55.3	56.1	56.3	56.4	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.8	56.9
GE 20000	57.8	59.2	60.3	60.7	61.7	61.9	62.0	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.5	62.6
GE 18000	58.0	59.4	60.6	61.0	61.9	62.1	62.3	62.5	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.9
GE 16000	58.1	59.6	60.7	61.1	62.0	62.3	62.4	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	63.0
GE 14000	58.8	60.3	61.4	61.8	62.8	63.0	63.1	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.7
GE 12000	60.0	61.6	62.7	63.2	64.2	64.4	64.5	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	65.1
GE 10000	62.9	64.6	65.9	66.4	67.5	67.7	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.3	68.5
GE 9000	63.5	65.1	66.4	67.0	68.1	68.3	68.4	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.9	69.1
GE 8000	66.5	68.4	70.0	70.6	71.8	72.1	72.2	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.7	72.9
GE 7000	67.5	69.4	71.1	71.8	72.9	73.2	73.3	73.5	73.6	73.6	73.7	73.7	73.7	73.8	73.8	74.0
GE 6000	68.3	70.2	71.8	72.5	73.8	74.0	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.6	74.6	74.8
GE 5000	70.3	72.3	74.1	74.9	76.1	76.4	76.6	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.2
GE 4500	71.3	73.3	75.1	75.9	77.2	77.5	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.3
GE 4000	72.7	74.7	76.6	77.5	78.8	79.1	79.2	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.7	79.9
GE 3500	74.0	76.1	78.0	78.9	80.2	80.5	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.3
GE 3000	75.4	77.5	79.6	80.5	81.9	82.2	82.4	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.9	83.1
GE 2500	76.3	78.5	80.7	81.7	83.1	83.4	83.6	83.8	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.3
GE 2000	77.5	79.7	81.9	83.0	84.4	84.7	84.9	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.6
GE 1800	77.6	79.8	82.0	83.1	84.5	84.8	85.1	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.8
GE 1500	78.5	80.7	83.0	84.0	85.6	85.9	86.1	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.8
GE 1200	79.3	81.6	83.9	84.9	86.5	86.8	87.1	87.3	87.3	87.4	87.5	87.5	87.5	87.6	87.6	87.8
GE 1000	79.8	82.1	84.6	85.8	87.4	87.8	88.1	88.3	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.8
GE 900	80.2	82.5	85.0	86.2	88.0	88.3	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.4
GE 800	80.7	83.0	85.6	86.8	88.7	89.1	89.5	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.1	90.2
GE 700	81.0	83.4	86.1	87.4	89.4	89.9	90.3	90.6	90.6	90.8	90.8	90.8	90.9	90.9	91.0	91.1
GE 600	81.4	84.1	86.9	88.5	90.6	91.3	91.8	92.1	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.7
GE 500	81.6	84.3	87.4	89.1	91.7	92.7	93.5	93.9	94.0	94.2	94.3	94.3	94.3	94.3	94.4	94.6
GE 400	81.7	84.5	87.6	89.6	92.5	93.7	94.7	95.4	95.6	95.9	96.1	96.1	96.2	96.2	96.3	96.4
GE 300	81.7	84.5	87.7	89.7	92.8	94.2	95.6	96.5	96.9	97.4	97.8	97.8	97.9	98.0	98.0	98.2
GE 200	81.7	84.5	87.7	89.7	92.8	94.2	95.6	96.6	97.0	97.6	98.2	98.2	98.5	98.7	98.8	99.3
GE 100	81.7	84.5	87.7	89.7	92.8	94.2	95.6	96.7	97.1	97.7	98.3	98.3	98.7	98.8	99.1	99.9
GE 000	81.7	84.5	87.7	89.7	92.8	94.2	95.6	96.7	97.1	97.7	98.3	98.3	98.7	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.2	54.3	54.6	55.5	55.9	56.1	56.3	56.3	56.5	56.6	56.6	56.6	56.7	56.7	56.8	56.9
GE 20000	55.1	57.2	57.5	58.4	58.8	59.0	59.2	59.2	59.4	59.5	59.5	59.5	59.6	59.6	59.8	59.9
GE 18000	55.1	57.2	57.5	58.4	58.8	59.0	59.2	59.2	59.4	59.5	59.5	59.5	59.6	59.6	59.8	59.9
GE 16000	55.1	57.2	57.5	58.4	58.8	59.0	59.2	59.2	59.4	59.5	59.5	59.5	59.6	59.6	59.8	59.9
GE 14000	55.5	57.6	58.1	58.9	59.5	59.7	59.9	59.9	60.0	60.1	60.1	60.1	60.2	60.2	60.4	60.5
GE 12000	56.5	58.6	59.0	59.9	60.4	60.6	60.9	60.9	61.0	61.1	61.1	61.1	61.2	61.2	61.4	61.5
GE 10000	60.0	62.2	62.6	63.4	64.0	64.2	64.4	64.4	64.5	64.6	64.6	64.6	64.7	64.7	64.9	65.1
GE 9000	60.1	62.3	62.7	63.5	64.1	64.3	64.5	64.5	64.6	64.7	64.7	64.7	64.8	64.8	65.1	65.2
GE 8000	63.4	65.6	66.0	67.0	67.6	67.8	68.1	68.1	68.2	68.3	68.3	68.3	68.4	68.4	68.6	68.7
GE 7000	64.5	66.7	67.1	68.3	69.0	69.2	69.5	69.5	69.6	69.7	69.7	69.7	69.8	69.8	70.0	70.1
GE 6000	66.2	68.4	68.8	70.0	70.8	71.0	71.2	71.2	71.3	71.4	71.4	71.4	71.5	71.5	71.7	71.8
GE 5000	67.8	70.1	70.5	71.7	72.5	72.7	72.9	72.9	73.0	73.1	73.1	73.1	73.2	73.2	73.4	73.5
GE 4500	70.3	72.6	73.0	74.3	75.1	75.3	75.5	75.5	75.6	75.7	75.7	75.7	75.8	75.8	76.0	76.1
GE 4000	73.2	75.6	76.0	77.3	78.1	78.3	78.5	78.5	78.6	78.7	78.7	78.7	78.8	78.8	79.1	79.2
GE 3500	74.0	76.5	76.9	78.2	78.9	79.1	79.4	79.4	79.5	79.6	79.6	79.6	79.7	79.7	80.0	80.1
GE 3000	75.4	77.8	78.4	79.7	80.5	80.8	81.0	81.0	81.1	81.3	81.3	81.3	81.4	81.4	81.7	81.8
GE 2500	76.2	78.7	79.6	81.0	81.8	82.0	82.3	82.3	82.4	82.6	82.6	82.6	82.7	82.7	83.0	83.1
GE 2000	76.7	79.1	80.1	81.6	82.7	82.9	83.1	83.1	83.3	83.5	83.5	83.5	83.7	83.7	84.0	84.1
GE 1800	76.9	79.4	80.4	81.9	83.0	83.2	83.4	83.4	83.7	83.9	83.9	83.9	84.0	84.0	84.3	84.4
GE 1500	77.5	80.0	81.2	82.8	84.0	84.2	84.4	84.4	84.6	84.8	84.8	84.8	84.9	84.9	85.3	85.4
GE 1200	78.0	80.4	81.8	83.4	84.6	84.8	85.1	85.2	85.4	85.6	85.6	85.6	85.7	85.7	86.0	86.1
GE 1000	78.7	81.2	82.7	84.3	85.7	85.9	86.2	86.3	86.6	86.8	86.8	86.8	86.9	86.9	87.2	87.4
GE 900	79.0	81.5	83.1	84.7	86.1	86.3	86.7	86.8	87.0	87.2	87.2	87.2	87.3	87.3	87.6	87.8
GE 800	79.2	81.8	83.5	85.3	86.9	87.1	87.4	87.5	87.7	88.0	88.0	88.0	88.1	88.1	88.4	88.6
GE 700	79.4	81.9	83.8	85.5	87.1	87.3	87.6	87.7	88.0	88.2	88.2	88.2	88.3	88.3	88.6	88.8
GE 600	79.5	82.0	84.1	85.8	87.6	87.8	88.2	88.3	88.5	88.7	88.7	88.7	88.8	88.8	89.1	89.4
GE 500	79.8	82.5	84.7	87.0	89.2	89.8	90.4	90.6	91.0	91.2	91.2	91.2	91.3	91.3	91.6	91.8
GE 400	79.8	82.5	84.7	87.0	90.1	91.3	92.3	92.7	93.0	93.2	93.3	93.3	93.4	93.4	93.8	94.1
GE 300	79.8	82.5	84.7	87.0	90.3	91.7	92.9	93.7	94.1	94.5	94.7	94.7	94.8	94.8	95.3	95.6
GE 200	79.8	82.5	84.7	87.0	90.4	92.0	93.4	94.4	94.8	95.4	95.7	95.7	96.1	96.2	97.0	98.2
GE 100	79.8	82.5	84.8	87.1	90.6	92.3	93.7	94.6	95.1	95.6	95.9	96.0	96.6	96.8	98.0	99.6
GE 000	79.8	82.5	84.8	87.1	90.6	92.3	93.7	94.6	95.1	95.6	95.9	96.0	96.6	96.8	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.5	52.5	53.2	54.0	55.4	56.1	56.1	56.2	56.3	56.5	56.6	56.6	56.8	56.9	57.2	58.1
GE 20000	53.4	55.5	56.2	57.0	58.4	59.1	59.1	59.2	59.4	59.5	59.6	59.6	59.8	59.9	60.2	61.1
GE 18000	53.4	55.5	56.2	57.0	58.4	59.1	59.1	59.2	59.4	59.5	59.6	59.6	59.8	59.9	60.2	61.1
GE 16000	53.4	55.5	56.2	57.0	58.4	59.1	59.1	59.2	59.4	59.5	59.6	59.6	59.8	59.9	60.2	61.1
GE 14000	53.7	55.7	56.5	57.2	58.6	59.4	59.4	59.5	59.6	59.7	59.8	59.8	60.0	60.1	60.4	61.3
GE 12000	54.5	56.8	57.5	58.3	59.7	60.4	60.4	60.5	60.6	60.8	60.9	60.9	61.1	61.2	61.5	62.4
GE 10000	58.3	60.5	61.3	62.0	63.5	64.3	64.3	64.4	64.5	64.6	64.7	64.7	64.9	65.1	65.4	66.2
GE 9000	58.8	61.1	61.8	62.6	64.1	64.8	64.8	64.9	65.1	65.2	65.3	65.3	65.5	65.6	65.9	66.8
GE 8000	61.1	63.3	64.1	64.8	66.3	67.1	67.1	67.2	67.3	67.4	67.5	67.5	67.7	67.8	68.2	69.0
GE 7000	61.4	63.7	64.5	65.3	66.9	67.6	67.6	67.7	67.8	68.0	68.1	68.1	68.3	68.4	68.7	69.6
GE 6000	63.5	65.8	66.8	67.5	69.2	70.0	70.0	70.2	70.3	70.4	70.5	70.5	70.8	70.9	71.2	72.0
GE 5000	65.7	68.0	68.9	69.7	71.4	72.2	72.2	72.4	72.5	72.6	72.7	72.7	72.9	73.0	73.3	74.2
GE 4500	68.6	71.0	71.9	72.7	74.4	75.2	75.2	75.4	75.5	75.8	75.9	75.9	76.1	76.2	76.6	77.4
GE 4000	70.3	72.9	74.1	74.8	76.6	77.3	77.3	77.5	77.6	78.0	78.1	78.1	78.3	78.4	78.7	79.6
GE 3500	72.3	74.8	76.0	76.8	78.5	79.2	79.2	79.5	79.6	80.0	80.1	80.1	80.3	80.4	80.8	81.6
GE 3000	73.1	75.8	77.0	77.7	79.5	80.2	80.2	80.4	80.5	81.0	81.1	81.1	81.3	81.4	81.7	82.6
GE 2500	74.1	76.9	78.1	78.9	80.6	81.4	81.4	81.6	81.7	82.2	82.3	82.3	82.5	82.6	82.9	83.8
GE 2000	74.4	77.3	78.6	79.5	81.3	82.0	82.0	82.3	82.4	82.8	83.0	83.0	83.3	83.4	83.9	84.7
GE 1800	74.5	77.4	78.7	79.6	81.4	82.2	82.2	82.4	82.5	82.9	83.1	83.1	83.4	83.5	84.0	84.8
GE 1500	75.1	78.1	79.7	80.5	82.4	83.1	83.1	83.3	83.4	83.9	84.1	84.1	84.4	84.5	84.9	85.8
GE 1200	75.2	78.3	80.0	80.9	82.7	83.5	83.5	83.9	84.0	84.4	84.6	84.6	84.9	85.1	85.5	86.3
GE 1000	75.4	78.6	80.4	81.3	83.4	84.3	84.3	84.6	84.7	85.2	85.4	85.4	85.7	85.8	86.2	87.1
GE 900	75.5	78.9	80.8	81.8	84.0	84.8	84.8	85.2	85.3	85.7	85.9	85.9	86.2	86.3	86.8	87.6
GE 800	75.5	78.9	80.8	81.8	84.1	84.9	84.9	85.3	85.4	85.8	86.0	86.0	86.3	86.5	86.9	87.7
GE 700	75.8	79.4	81.2	82.5	84.7	85.7	85.7	86.0	86.1	86.6	86.8	86.8	87.1	87.2	87.6	88.5
GE 600	76.1	79.7	81.5	82.8	85.3	86.3	86.3	86.7	86.8	87.2	87.4	87.4	87.7	87.8	88.3	89.1
GE 500	76.1	79.9	81.7	83.2	85.9	87.1	87.2	87.7	87.8	88.3	88.6	88.7	89.0	89.1	89.6	90.4
GE 400	76.2	80.0	81.9	83.7	87.3	88.8	88.9	89.6	89.7	90.1	90.5	90.6	91.0	91.1	91.5	92.7
GE 300	76.2	80.0	81.9	83.8	87.7	89.6	90.0	91.1	91.2	92.0	92.5	92.6	93.2	93.3	93.8	94.9
GE 200	76.2	80.0	81.9	83.8	87.8	89.9	90.8	92.0	92.6	93.5	94.1	94.2	95.3	95.5	96.5	97.8
GE 100	76.2	80.0	81.9	83.8	87.8	89.9	90.8	92.0	92.6	93.7	94.2	94.3	95.4	95.7	96.8	100.0
GE 000	76.2	80.0	81.9	83.8	87.8	89.9	90.8	92.0	92.6	93.7	94.2	94.3	95.4	95.7	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.9	45.1	46.9	47.5	48.2	48.3	48.6	49.2	49.5	49.5	49.5	49.5	49.8	49.8	49.8	50.2
GE 20000	47.8	49.7	51.7	52.4	53.2	53.3	53.7	54.3	54.5	54.5	54.5	54.5	54.8	54.9	54.9	55.4
GE 18000	48.1	49.9	51.9	52.6	53.5	53.7	54.0	54.6	54.8	54.8	54.8	54.8	55.2	55.3	55.3	55.7
GE 16000	48.1	49.9	51.9	52.6	53.5	53.7	54.0	54.6	54.8	54.8	54.8	54.8	55.2	55.3	55.3	55.7
GE 14000	48.3	50.1	52.2	52.8	53.8	54.0	54.3	54.9	55.2	55.2	55.2	55.2	55.5	55.6	55.6	56.0
GE 12000	49.2	51.3	53.3	54.0	54.9	55.2	55.5	56.1	56.3	56.3	56.3	56.3	56.7	56.8	56.8	57.2
GE 10000	52.8	55.1	57.4	58.2	59.7	59.9	60.2	60.9	61.1	61.1	61.1	61.1	61.4	61.5	61.5	61.9
GE 9000	53.2	55.5	57.8	58.6	60.4	60.6	61.0	61.6	61.8	61.8	61.8	61.8	62.2	62.3	62.3	62.7
GE 8000	6.9	59.6	62.0	62.9	64.7	64.9	65.3	65.9	66.1	66.1	66.1	66.1	66.5	66.6	66.6	67.0
GE 7000	58.2	61.0	63.4	64.3	66.1	66.3	66.8	67.4	67.6	67.6	67.6	67.6	68.0	68.1	68.1	68.5
GE 6000	60.0	62.8	65.3	66.3	68.3	68.5	68.9	69.6	69.8	69.8	69.8	69.8	70.1	70.2	70.2	70.6
GE 5000	63.0	66.0	68.5	69.7	71.6	71.8	72.3	73.0	73.3	73.3	73.3	73.4	73.8	73.9	73.9	74.3
GE 4500	64.8	68.2	70.8	71.9	73.9	74.1	74.6	75.4	75.7	75.7	75.7	75.8	76.1	76.2	76.2	76.7
GE 4000	66.1	69.7	72.3	73.7	75.7	75.9	76.6	77.3	77.6	77.6	77.6	77.7	78.2	78.3	78.3	78.7
GE 3500	67.4	71.0	73.5	74.9	77.1	77.3	78.0	78.8	79.1	79.1	79.1	79.2	79.7	79.8	79.8	80.2
GE 3000	68.7	72.4	74.9	76.3	78.5	78.7	79.4	80.2	80.5	80.5	80.5	80.6	81.1	81.2	81.2	81.6
GE 2500	69.7	73.4	76.0	77.4	79.6	79.8	80.4	81.3	81.6	81.6	81.6	81.7	82.2	82.3	82.3	82.7
GE 2000	70.0	73.9	76.5	77.8	80.0	80.2	80.9	81.7	82.0	82.0	82.0	82.2	82.6	82.7	82.7	83.1
GE 1800	70.1	74.0	76.6	78.0	80.1	80.3	81.0	81.8	82.2	82.2	82.2	82.3	82.7	82.8	82.8	83.2
GE 1500	70.5	74.4	77.0	78.4	80.5	80.8	81.5	82.4	82.7	82.7	82.7	82.8	83.2	83.3	83.3	83.8
GE 1200	70.6	74.6	77.2	78.6	80.8	81.0	81.7	82.7	83.0	83.0	83.0	83.1	83.5	83.7	83.7	84.1
GE 1000	70.9	74.9	77.5	79.0	81.2	81.7	82.5	83.4	83.8	83.8	83.8	83.9	84.3	84.4	84.4	84.8
GE 900	70.9	74.9	77.6	79.2	81.5	82.2	83.0	84.0	84.3	84.3	84.3	84.4	84.8	84.9	84.9	85.4
GE 800	71.2	75.3	78.3	79.9	82.4	83.0	83.9	84.8	85.4	85.4	85.4	85.5	85.9	86.0	86.0	86.5
GE 700	71.5	75.6	78.8	80.5	83.1	83.8	84.6	85.7	86.3	86.3	86.3	86.5	86.9	87.0	87.0	87.4
GE 600	71.7	75.8	79.0	80.9	83.8	84.4	85.4	86.5	87.4	87.4	87.5	87.6	88.1	88.2	88.2	88.6
GE 500	71.9	76.1	79.5	81.5	84.7	85.5	86.6	87.6	88.6	88.7	88.9	89.0	89.5	89.6	89.6	90.0
GE 400	71.9	76.2	79.6	81.9	85.4	86.6	87.7	89.1	90.4	90.6	91.0	91.1	91.6	91.7	91.7	92.5
GE 300	71.9	76.2	79.6	82.2	85.8	87.3	88.9	90.5	91.9	92.6	93.1	93.3	94.1	94.2	94.3	95.1
GE 200	71.9	76.2	79.6	82.2	85.9	87.4	89.1	90.9	92.4	93.1	94.1	94.3	95.3	95.5	95.9	97.6
GE 100	71.9	76.2	79.6	82.2	85.9	87.4	89.1	90.9	92.4	93.2	94.2	94.4	95.5	95.7	96.7	99.9
GE 000	71.9	76.2	79.6	82.2	85.9	87.4	89.1	90.9	92.4	93.2	94.2	94.4	95.5	95.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	49.8	50.2	50.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	53.7	54.7	55.3	55.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 18000	54.4	55.5	56.0	56.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	54.4	55.5	56.0	56.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	54.6	55.7	56.2	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	55.6	56.7	57.2	57.4	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 10000	60.1	61.3	61.9	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000	61.0	62.2	62.9	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000	64.0	65.5	66.2	66.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 7000	65.1	66.7	67.4	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	66.5	68.3	69.0	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	68.1	69.9	70.6	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	70.0	71.9	72.7	73.1	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	72.9	74.8	75.6	76.1	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	74.8	76.9	77.6	78.3	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3000	77.6	79.7	80.4	81.1	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2500	78.9	81.0	81.7	82.4	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2000	79.9	81.9	82.7	83.7	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800	80.4	82.5	83.2	84.2	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	80.8	82.8	83.5	84.5	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1200	81.3	83.5	84.4	85.4	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000	82.2	84.5	85.6	86.7	87.8	88.0	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 900	82.9	85.4	86.8	87.8	89.1	89.2	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 800	83.2	85.7	87.1	88.3	89.8	89.9	90.8	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	83.3	85.9	87.3	88.5	90.0	90.1	91.0	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	83.3	85.9	87.3	88.5	90.3	90.4	91.5	91.9	92.3	92.5	92.5	92.5	92.7	92.7	92.7	92.7
GE 500	83.3	85.9	87.6	88.9	91.0	91.4	92.9	93.4	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.2
GE 400	83.3	85.9	87.7	89.4	91.7	92.2	93.9	94.7	95.1	95.5	95.5	95.5	95.7	95.7	95.7	95.8
GE 300	83.3	85.9	87.7	89.4	91.7	92.3	94.1	95.4	96.3	96.9	97.0	97.0	97.2	97.2	97.2	97.3
GE 200	83.3	85.9	87.7	89.4	91.7	92.3	94.3	95.7	96.9	98.0	98.4	98.4	98.7	98.7	98.9	99.1
GE 100	83.3	85.9	87.7	89.4	91.7	92.3	94.3	95.7	96.9	98.1	98.5	98.5	98.8	99.0	99.2	100.0
GE 000	83.3	85.9	87.7	89.4	91.7	92.3	94.3	95.7	96.9	98.1	98.5	98.5	98.8	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.2	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 20000	51.3	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 18000	52.0	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 16000	52.0	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 14000	52.9	53.5	53.7	53.7	53.7	53.7	53.7	3.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 12000	55.8	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000	58.8	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 9000	59.0	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 8000	62.5	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	64.6	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 6000	65.7	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 5000	67.8	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4500	71.4	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	75.8	76.6	76.8	76.8	76.8	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	78.9	79.7	79.9	79.9	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3000	82.0	82.8	83.0	83.0	83.0	83.0	83.0	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2500	83.7	84.4	84.6	84.6	84.6	84.7	84.7	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	85.2	85.9	86.1	86.1	86.1	86.3	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	85.6	86.3	86.7	86.7	86.7	86.9	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1500	86.1	86.9	87.2	87.2	87.2	87.4	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	87.3	88.1	88.5	88.5	88.5	88.7	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1000	87.4	88.2	88.7	88.8	88.8	89.0	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 900	88.2	88.9	89.6	89.7	89.8	90.1	90.2	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 800	88.6	89.5	90.4	90.8	91.1	91.5	91.7	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	88.9	90.0	91.3	91.8	92.3	92.7	92.9	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 600	89.2	90.4	91.9	92.6	93.0	93.5	93.8	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	89.6	91.0	92.5	93.3	94.1	94.6	94.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	89.7	91.1	92.7	93.5	94.5	95.3	95.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 300	89.7	91.1	92.7	93.5	94.5	95.3	95.7	97.7	98.1	98.3	98.5	98.5	98.5	98.5	98.6	98.6
GE 200	89.7	91.1	92.7	93.5	94.6	95.5	95.9	98.0	98.5	98.8	99.0	99.0	99.2	99.6	99.9	99.9
GE 100	89.7	91.1	92.7	93.5	94.6	95.5	95.9	98.0	98.5	98.8	99.0	99.0	99.2	99.6	99.9	100.0
GE 000	89.7	91.1	92.7	93.5	94.6	95.5	95.9	98.0	98.5	98.8	99.0	99.0	99.2	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.2	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000	53.7	54.0	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 18000	53.9	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	53.9	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	54.3	54.6	54.6	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	56.9	57.2	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	59.1	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 9000	59.8	60.1	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	63.5	63.9	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 7000	66.0	66.3	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 6000	67.6	68.1	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	71.4	71.8	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	75.4	75.8	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	78.1	78.5	78.5	78.7	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3500	80.5	81.1	81.1	81.3	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3000	82.9	83.4	83.4	83.7	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	83.8	84.3	84.3	84.5	84.8	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	85.9	86.5	86.6	86.8	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	86.3	86.9	87.1	87.3	87.6	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	87.0	87.7	88.0	88.2	88.5	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1200	88.3	89.1	89.5	89.7	90.0	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1000	88.7	89.6	89.9	90.1	90.4	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	89.1	90.1	90.4	90.6	91.0	91.5	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	89.7	91.0	91.4	91.6	92.0	92.8	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	90.1	91.4	91.9	92.2	92.6	93.3	93.4	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	90.4	91.7	92.3	92.6	93.3	94.2	94.3	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	90.5	91.8	92.6	93.0	94.0	94.8	95.2	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	90.6	91.9	92.7	93.2	94.4	95.5	96.3	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	90.6	91.9	92.7	93.2	94.4	95.5	96.5	97.5	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	90.6	91.9	92.7	93.2	94.4	95.6	96.8	97.8	98.5	98.8	99.5	99.6	99.6	99.6	99.6	99.9
GE 100	90.6	91.9	92.7	93.2	94.4	95.6	96.8	97.8	98.5	98.8	99.5	99.6	99.6	99.6	99.7	100.0
GE 000	90.6	91.9	92.7	93.2	94.4	95.6	96.8	97.8	98.5	98.8	99.5	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	53.1	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	4.2	54.2
GE 20000	56.6	56.7	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	56.7	56.8	57.6	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 16000	56.7	56.8	57.6	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 14000	56.8	56.9	57.7	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 12000	58.6	58.7	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 10000	60.5	60.6	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 9000	61.1	61.2	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 8000	64.7	64.9	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 7000	66.1	66.3	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	68.1	68.3	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 5000	71.2	71.6	73.0	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	75.2	75.6	77.0	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4000	77.0	77.4	78.8	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500	79.1	79.6	81.3	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	81.5	82.2	83.9	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	82.7	83.3	85.1	85.5	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	83.7	84.4	86.3	86.8	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	83.7	84.6	86.7	87.1	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	84.2	85.3	87.4	88.0	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	85.2	86.3	88.5	89.1	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1000	85.2	86.3	88.5	89.1	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 900	85.3	86.5	88.7	89.5	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 800	85.5	86.7	88.9	89.8	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	85.7	86.9	89.4	90.2	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 600	85.7	87.3	90.2	91.1	91.9	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 500	85.9	87.6	91.1	92.2	93.9	94.3	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 400	85.9	87.6	91.1	92.4	94.5	94.9	95.5	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 300	85.9	87.6	91.2	92.5	94.7	95.2	95.7	96.3	96.8	96.9	97.1	97.1	97.1	97.1	97.2	97.2
GE 200	85.9	87.6	91.2	92.5	94.7	95.2	95.9	96.9	97.3	97.4	97.7	97.7	97.8	97.8	98.4	98.8
GE 100	85.9	87.6	91.2	92.5	94.7	95.2	95.9	97.0	97.4	97.5	98.0	98.0	98.1	98.2	98.9	100.0
GE 000	85.9	87.6	91.2	92.5	94.7	95.2	95.9	97.0	97.4	97.5	98.0	98.0	98.1	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.4	55.2	55.8	56.3	56.8	56.9	57.0	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.4
GE 20000	57.2	58.0	58.6	59.1	59.6	59.8	59.9	59.9	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.3
GE 18000	57.2	58.0	58.6	59.1	59.6	59.8	59.9	59.9	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.3
GE 16000	57.2	58.0	58.6	59.1	59.6	59.8	59.9	59.9	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.3
GE 14000	57.7	58.5	59.1	59.7	60.1	60.3	60.4	60.4	60.4	60.5	60.6	60.6	60.8	60.8	60.8	60.9
GE 12000	59.6	60.3	61.0	61.5	61.9	62.2	62.3	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.6	62.7
GE 10000	63.2	64.1	64.7	65.3	65.7	65.9	66.0	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.5
GE 9000	63.7	64.5	65.2	65.7	66.1	66.3	66.5	66.5	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.9
GE 8000	66.1	67.2	67.8	68.6	69.1	69.4	69.5	69.5	69.5	69.6	69.7	69.7	69.8	69.8	69.8	69.9
GE 7000	67.2	68.3	68.9	69.9	70.4	70.6	70.8	70.8	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.2
GE 6000	68.4	69.5	70.2	71.3	71.9	72.2	72.3	72.3	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.7
GE 5000	70.9	72.3	73.0	74.1	74.8	75.1	75.2	75.2	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.6
GE 4500	73.0	74.5	75.3	76.3	77.1	77.3	77.5	77.5	77.5	77.6	77.7	77.7	77.8	77.8	77.8	78.0
GE 4000	75.3	76.8	77.6	78.7	79.5	79.7	79.9	79.9	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.3
GE 3500	76.5	78.1	79.0	80.2	81.0	81.2	81.4	81.4	81.5	81.6	81.7	81.7	81.8	81.8	81.8	81.9
GE 3000	78.4	80.1	81.1	82.4	83.1	83.3	83.5	83.5	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.1
GE 2500	78.8	81.0	82.2	83.7	84.6	84.8	85.1	85.1	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.6
GE 2000	79.4	81.7	83.0	84.5	85.5	85.7	85.9	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.5
GE 1800	79.4	81.7	83.0	84.5	85.6	85.8	86.0	86.0	86.1	86.2	86.3	86.3	86.5	86.5	86.5	86.6
GE 1500	79.7	82.0	83.5	85.4	86.6	86.9	87.1	87.1	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.6
GE 1200	80.4	83.0	84.7	86.7	87.8	88.2	88.4	88.4	88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.9
GE 1000	80.6	83.3	85.3	87.2	88.5	88.8	89.0	89.0	89.1	89.2	89.4	89.4	89.5	89.5	89.5	89.6
GE 900	80.6	83.3	85.4	87.4	88.7	89.0	89.2	89.2	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.8
GE 800	80.9	83.7	85.7	87.7	89.2	89.6	89.8	89.8	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.3
GE 700	81.1	83.9	85.9	88.2	89.7	90.0	90.3	90.3	90.4	90.5	90.6	90.6	90.8	90.8	90.8	90.9
GE 600	81.4	84.4	86.7	88.9	90.4	90.8	91.1	91.1	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.7
GE 500	81.5	84.5	87.0	89.6	91.5	91.9	92.6	92.6	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.2
GE 400	81.5	84.5	87.0	89.7	92.0	92.5	93.2	93.9	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.6
GE 300	81.5	84.5	87.0	89.8	92.4	93.1	93.9	94.7	94.9	95.4	95.8	95.8	96.0	96.0	96.7	96.8
GE 200	81.5	84.5	87.0	89.8	92.5	93.4	94.2	95.4	95.7	96.3	97.1	97.2	97.6	97.7	98.7	99.4
GE 100	81.5	84.5	87.0	89.8	92.5	93.4	94.2	95.4	95.7	96.3	97.2	97.4	98.0	98.1	99.1	100.0
GE 000	81.5	84.5	87.0	89.8	92.5	93.4	94.2	95.4	95.7	96.3	97.2	97.4	98.0	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	50.6	51.2	51.6	52.1	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.7	52.9
GE 20000	53.6	54.7	55.4	55.8	56.3	56.4	56.5	56.6	56.7	56.7	56.7	56.7	56.8	56.8	56.9	57.1
GE 18000	53.8	55.0	55.6	56.0	56.5	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.2	57.4
GE 16000	53.8	55.0	55.6	56.0	56.5	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.2	57.4
GE 14000	54.2	55.3	56.0	56.4	56.9	57.1	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.6	57.8
GE 12000	55.8	57.0	57.7	58.1	58.6	58.8	58.9	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.3	59.5
GE 10000	59.1	60.3	61.1	61.5	62.1	62.3	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.8	63.0
GE 9000	59.6	60.8	61.5	62.0	62.6	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.3	63.5
GE 8000	62.8	64.1	64.5	65.4	66.1	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.6	66.7	66.7	66.9
GE 7000	64.1	65.5	66.3	66.9	67.6	67.7	67.8	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.4
GE 6000	65.8	67.2	68.0	68.6	69.4	69.6	69.7	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.1	70.3
GE 5000	68.2	69.8	70.6	71.3	72.1	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.7	72.8	72.8	73.0
GE 4500	71.1	72.7	73.6	74.3	75.1	75.2	75.4	75.5	75.6	75.6	75.6	75.7	75.8	75.8	75.8	76.0
GE 4000	73.6	75.3	76.2	76.9	77.8	77.9	78.1	78.3	78.4	78.4	78.5	78.5	78.6	78.6	78.7	78.9
GE 3500	75.4	77.2	78.2	78.9	79.8	80.0	80.1	80.3	80.4	80.5	80.5	80.5	80.6	80.7	80.8	80.9
GE 3000	77.5	79.3	80.3	81.0	81.9	82.2	82.3	82.5	82.6	82.7	82.7	82.8	82.9	82.9	83.0	83.2
GE 2500	78.5	80.4	81.4	82.2	83.2	83.4	83.6	83.8	83.9	84.0	84.0	84.0	84.1	84.2	84.2	84.4
GE 2000	79.4	81.3	82.5	83.3	84.4	84.6	84.8	85.0	85.1	85.2	85.2	85.3	85.4	85.4	85.5	85.7
GE 1800	79.6	81.6	82.8	83.7	84.7	84.9	85.1	85.3	85.4	85.5	85.6	85.6	85.7	85.7	85.8	86.0
GE 1500	80.1	82.2	83.4	84.4	85.4	85.7	85.9	86.1	86.2	86.3	86.3	86.4	86.5	86.5	86.6	86.8
GE 1200	80.8	82.9	84.3	85.3	86.3	86.6	86.8	87.1	87.2	87.3	87.3	87.3	87.5	87.5	87.6	87.8
GE 1000	81.1	83.3	84.8	85.8	87.0	87.3	87.6	87.8	88.0	88.1	88.1	88.1	88.3	88.3	88.4	88.6
GE 900	81.4	83.7	85.3	86.4	87.5	87.9	88.2	88.5	88.6	88.7	88.8	88.8	88.9	88.9	89.0	89.2
GE 800	81.7	84.1	85.8	86.9	88.3	88.7	89.0	89.3	89.5	89.6	89.7	89.7	89.8	89.8	89.9	90.1
GE 700	82.0	84.4	86.2	87.4	88.8	89.3	89.6	90.0	90.2	90.3	90.3	90.4	90.5	90.5	90.6	90.8
GE 600	82.2	84.7	86.6	87.9	89.5	90.0	90.4	90.7	91.0	91.1	91.2	91.2	91.3	91.4	91.5	91.7
GE 500	82.3	84.9	87.1	88.6	90.5	91.2	91.8	92.3	92.6	92.8	92.8	92.9	93.0	93.0	93.1	93.3
GE 400	82.4	85.0	87.2	88.8	91.3	92.1	92.9	93.8	94.1	94.4	94.5	94.5	94.7	94.7	94.8	95.1
GE 300	82.4	85.0	87.2	88.9	91.5	92.5	93.5	94.6	95.2	95.6	95.9	95.9	96.2	96.2	96.4	96.7
GE 200	82.4	85.0	87.2	88.9	91.5	92.7	93.8	95.1	95.8	96.4	96.9	97.0	97.5	97.6	98.1	98.8
GE 100	82.4	85.0	87.2	88.9	91.5	92.7	93.8	95.2	95.9	96.5	97.1	97.2	97.6	97.8	98.5	99.9
GE 000	82.4	85.0	87.2	88.9	91.5	92.7	93.8	95.2	95.9	96.5	97.1	97.2	97.6	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.2	50.4	50.7	51.0	51.1	51.3	51.8	52.0	52.0	52.1	52.1	52.2	52.4	52.4	52.4	52.6
GE 20000	52.4	52.7	52.9	53.2	53.6	53.8	54.2	54.4	54.4	54.6	54.6	54.7	54.9	54.9	54.9	55.0
GE 18000	52.6	52.8	53.0	53.3	53.7	53.9	54.3	54.6	54.6	54.7	54.7	54.8	55.0	55.0	55.0	55.1
GE 16000	52.6	52.8	53.0	53.3	53.7	53.9	54.3	54.6	54.6	54.7	54.7	54.8	55.0	55.0	55.0	55.1
GE 14000	52.7	52.9	53.1	53.4	53.8	54.0	54.4	54.7	54.7	54.8	54.8	54.9	55.1	55.1	55.1	55.2
GE 12000	53.2	53.4	53.7	54.0	54.3	54.6	55.0	55.2	55.2	55.3	55.3	55.4	55.7	55.7	55.7	55.8
GE 10000	55.8	56.0	56.2	56.7	57.1	57.3	57.8	58.0	58.0	58.1	58.1	58.2	58.4	58.4	58.4	58.6
GE 9000	56.8	57.1	57.3	57.9	58.4	58.7	59.1	59.3	59.3	59.4	59.4	59.6	59.8	59.8	59.8	59.9
GE 8000	59.6	60.0	60.3	60.9	61.6	61.8	62.2	62.4	62.4	62.6	62.6	62.7	62.9	62.9	62.9	63.0
GE 7000	60.6	61.0	61.4	62.0	62.7	62.9	63.3	63.6	63.6	63.7	63.7	63.8	64.0	64.0	64.0	64.1
GE 6000	62.3	63.0	63.6	64.2	65.0	65.2	65.7	65.9	65.9	66.0	66.0	66.1	66.3	66.3	66.3	66.4
GE 5000	64.8	65.4	66.0	66.7	67.6	67.8	68.2	68.4	68.4	68.6	68.6	68.7	68.9	68.9	68.9	69.0
GE 4500	67.6	68.3	68.9	69.6	70.7	70.9	71.3	71.6	71.6	71.7	71.7	71.8	72.0	72.0	72.0	72.1
GE 4000	69.6	70.4	71.0	71.7	72.8	73.0	73.4	73.7	73.7	73.8	73.8	73.9	74.1	74.1	74.1	74.2
GE 3500	70.7	71.6	72.1	72.9	74.1	74.3	75.0	75.2	75.2	75.3	75.3	75.4	75.7	75.7	75.7	75.8
GE 3000	72.7	73.8	74.3	75.1	76.4	76.7	77.3	77.6	77.6	77.7	77.7	77.8	78.0	78.0	78.0	78.1
GE 2500	75.1	76.0	76.6	77.6	78.9	79.1	79.8	80.0	80.0	80.1	80.1	80.2	80.4	80.4	80.4	80.6
GE 2000	76.0	78.0	78.6	79.6	80.9	81.1	81.8	82.0	82.0	82.1	82.1	82.2	82.4	82.4	82.4	82.6
GE 1800	77.1	78.2	79.0	80.1	81.4	81.7	82.3	82.6	82.6	82.7	82.7	82.8	83.0	83.0	83.0	83.1
GE 1500	78.1	79.4	80.4	81.7	83.2	83.6	84.2	84.4	84.4	84.6	84.6	84.7	84.9	84.9	84.9	85.0
GE 1200	79.1	80.4	81.7	83.2	85.0	85.4	86.1	86.3	86.3	86.6	86.6	86.7	86.9	86.9	86.9	87.0
GE 1000	79.1	80.9	82.1	83.8	86.1	86.6	87.2	87.4	87.4	87.7	87.7	87.8	88.0	88.0	88.0	88.1
GE 900	79.7	81.4	82.8	84.4	87.1	87.6	88.2	88.4	88.4	88.7	88.7	88.8	89.0	89.0	89.0	89.1
GE 800	80.3	81.9	83.2	85.3	88.0	88.6	89.2	89.4	89.4	89.9	89.9	90.0	90.2	90.2	90.2	90.3
GE 700	80.8	82.3	83.8	86.2	89.4	90.3	91.0	91.2	91.2	91.7	91.7	91.8	92.0	92.0	92.0	92.1
GE 600	81.1	82.7	84.1	87.0	90.8	92.1	92.8	93.2	93.3	93.9	93.9	94.0	94.2	94.2	94.2	94.3
GE 500	81.1	82.7	84.2	87.1	91.0	92.4	93.2	93.7	93.8	94.3	94.4	94.6	94.8	94.8	94.8	94.9
GE 400	81.1	82.7	84.2	87.3	91.3	92.8	93.7	94.1	94.2	94.8	95.0	95.1	95.3	95.3	95.3	95.4
GE 300	81.1	82.7	84.2	87.4	91.6	93.0	94.0	94.7	94.8	95.4	96.0	96.1	96.3	96.4	96.4	96.6
GE 200	81.1	82.7	84.2	87.4	91.6	93.0	94.2	95.1	95.4	96.6	97.4	97.8	98.4	98.8	98.9	99.2
GE 100	81.1	82.7	84.2	87.4	91.8	93.2	94.4	95.3	95.7	96.8	97.7	98.0	98.9	99.3	99.4	100.0
GE 000	81.1	82.7	84.2	87.4	91.8	93.2	94.4	95.3	95.7	96.8	97.7	98.0	98.9	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	50.2	50.8	51.1	51.4	51.7	51.9	52.2	52.2	52.4	52.6	52.7	52.8	52.8	53.2	53.4
GE 20000	51.4	52.0	52.6	52.9	53.2	53.4	53.7	54.0	54.0	54.2	54.3	54.4	54.6	54.6	55.0	55.2
GE 18000	52.0	52.6	53.1	53.4	53.8	54.0	54.2	54.6	54.6	54.8	54.9	55.0	55.1	55.1	55.6	55.8
GE 16000	52.0	52.6	53.1	53.4	53.8	54.0	54.2	54.6	54.6	54.8	54.9	55.0	55.1	55.1	55.6	55.8
GE 14000	52.0	52.6	53.1	53.4	53.8	54.0	54.2	54.6	54.6	54.8	54.9	55.0	55.1	55.1	55.6	55.8
GE 12000	52.9	53.4	54.0	54.3	54.7	54.9	55.1	55.4	55.4	55.7	55.8	55.9	56.0	56.0	56.4	56.7
GE 10000	55.2	55.8	56.3	56.7	57.0	57.2	57.4	57.8	57.8	58.0	58.1	58.2	58.3	58.3	58.8	59.0
GE 9000	56.2	56.9	57.4	57.8	58.4	58.7	58.9	59.2	59.2	59.4	59.6	59.7	59.8	59.8	60.2	60.4
GE 8000	59.7	60.3	61.0	61.6	62.3	62.6	62.8	63.2	63.2	63.4	63.7	63.8	64.0	64.0	64.4	64.7
GE 7000	61.0	61.7	62.3	63.0	63.8	64.0	64.2	64.7	64.7	64.9	65.1	65.2	65.4	65.4	65.9	66.1
GE 6000	61.9	62.6	63.2	64.0	64.8	65.0	65.2	65.7	65.7	65.9	66.1	66.2	66.4	66.4	66.9	67.1
GE 5000	64.6	65.4	66.1	66.9	67.9	68.1	68.3	68.8	68.8	69.0	69.2	69.3	69.6	69.6	70.0	70.2
GE 4500	65.7	66.7	67.3	68.1	69.2	69.4	69.7	70.1	70.1	70.3	70.6	70.7	70.9	70.9	71.3	71.6
GE 4000	67.3	68.3	69.0	69.9	71.0	71.2	71.4	71.9	71.9	72.1	72.3	72.4	72.7	72.9	73.4	73.7
GE 3500	68.8	69.9	70.7	71.6	72.7	73.0	73.2	73.7	73.7	73.9	74.1	74.2	74.4	74.7	75.2	75.4
GE 3000	70.9	72.0	72.8	73.7	74.8	75.1	75.3	75.8	75.8	76.0	76.2	76.3	76.6	76.8	77.3	77.6
GE 2500	72.7	73.8	74.6	75.4	76.6	76.9	77.1	77.6	77.6	77.8	78.0	78.1	78.3	78.6	79.1	79.3
GE 2000	74.2	75.4	76.2	77.2	78.4	78.8	79.0	79.4	79.4	79.7	79.9	80.0	80.2	80.4	81.0	81.2
GE 1800	74.9	76.1	77.0	78.0	79.2	79.6	79.8	80.2	80.2	80.4	80.7	80.8	81.0	81.2	81.8	82.0
GE 1500	76.1	77.4	78.4	79.6	80.8	81.1	81.3	81.8	81.8	82.0	82.2	82.3	82.6	82.8	83.3	83.6
GE 1200	77.1	78.6	79.9	81.0	82.3	82.8	83.0	83.4	83.4	83.7	83.9	84.0	84.2	84.4	85.0	85.2
GE 1000	77.9	79.3	80.8	82.3	83.7	84.1	84.3	84.8	84.8	85.0	85.2	85.3	85.7	85.9	86.4	86.7
GE 900	78.4	79.9	81.7	83.2	85.1	85.6	86.0	86.6	86.6	86.8	87.0	87.1	87.4	87.7	88.2	88.4
GE 800	78.8	80.2	82.1	83.7	85.9	86.4	86.9	87.4	87.4	87.7	87.9	88.0	88.3	88.6	89.1	89.3
GE 700	79.0	80.7	82.7	84.2	86.6	87.1	87.6	88.1	88.1	88.3	88.6	88.7	89.0	89.2	89.8	90.0
GE 600	79.2	80.9	83.2	85.0	87.6	88.3	89.0	89.6	89.6	89.8	90.0	90.1	90.4	90.7	91.2	91.4
GE 500	79.3	81.0	83.3	85.2	88.4	89.2	90.3	91.1	91.2	91.6	91.9	92.0	92.3	92.6	93.1	93.3
GE 400	79.6	81.2	83.8	85.8	89.2	90.2	91.6	92.3	92.4	92.9	93.2	93.3	94.0	94.3	94.9	95.1
GE 300	79.6	81.2	83.8	85.9	89.7	90.7	92.0	92.9	93.0	93.4	93.9	94.2	95.1	95.4	96.0	96.3
GE 200	79.6	81.2	83.8	85.9	89.7	90.7	92.3	93.4	93.8	94.3	95.1	95.4	96.8	97.2	98.2	98.7
GE 100	79.6	81.2	83.8	85.9	89.7	90.7	92.3	93.4	93.8	94.3	95.2	95.6	97.1	97.7	99.3	100.0
GE 000	79.6	81.2	83.8	85.9	89.7	90.7	92.3	93.4	93.8	94.3	95.2	95.6	97.1	97.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.4	44.0	44.8	45.0	45.1	45.4	45.7	45.8	45.8	46.0	46.1	46.1	46.3	46.3	46.6	46.9
GE 20000	47.8	48.3	49.3	49.6	49.7	50.1	50.3	50.6	50.6	50.8	50.9	50.9	51.1	51.1	51.3	51.7
GE 18000	48.1	48.7	49.7	49.9	50.0	50.6	50.8	51.0	51.0	51.2	51.3	51.3	51.6	51.6	51.8	52.1
GE 16000	48.3	48.9	49.9	50.1	50.2	50.8	51.0	51.2	51.2	51.4	51.6	51.6	51.8	51.8	52.0	52.3
GE 14000	48.9	49.6	50.6	50.8	50.9	51.4	51.7	51.9	51.9	52.1	52.2	52.2	52.4	52.4	52.7	53.0
GE 12000	49.9	50.6	51.6	51.9	52.0	52.6	52.8	53.0	53.0	53.2	53.3	53.3	53.6	53.6	53.8	54.1
GE 10000	54.8	55.7	56.8	57.1	57.2	57.8	58.0	58.2	58.2	58.4	58.6	58.6	58.8	58.8	59.0	59.3
GE 9000	55.9	56.8	57.9	58.2	58.3	58.9	59.1	59.3	59.3	59.6	59.7	59.7	59.9	59.9	60.1	60.4
GE 8000	59.7	60.6	61.7	62.1	62.3	62.9	63.2	63.4	63.4	63.7	63.8	63.8	64.0	64.0	64.2	64.6
GE 7000	60.7	61.7	62.8	63.2	63.4	64.0	64.3	64.6	64.6	64.9	65.0	65.0	65.2	65.3	65.6	65.9
GE 6000	61.1	62.2	63.3	63.8	64.1	64.7	65.0	65.2	65.2	65.6	65.7	65.7	65.9	66.0	66.2	66.6
GE 5000	62.6	63.7	64.8	65.4	66.0	66.6	66.9	67.1	67.1	67.4	67.6	67.6	67.8	67.9	68.1	68.4
GE 4500	64.6	65.7	67.1	67.8	68.3	68.9	69.2	69.4	69.4	69.8	69.9	69.9	70.1	70.2	70.4	70.8
GE 4000	65.4	66.6	68.0	68.7	69.2	69.8	70.2	70.4	70.4	70.8	70.9	70.9	71.1	71.2	71.4	71.8
GE 3500	67.2	68.4	69.9	70.6	71.1	71.7	72.1	72.3	72.3	72.8	72.9	72.9	73.2	73.3	73.6	73.9
GE 3000	68.9	70.2	71.8	72.4	73.2	73.8	74.2	74.4	74.6	75.0	75.1	75.1	75.4	75.6	75.8	76.1
GE 2500	70.4	71.9	73.7	74.3	75.2	75.9	76.3	76.6	76.7	77.1	77.2	77.2	77.6	77.7	77.9	78.2
GE 2000	72.1	73.8	75.7	76.3	77.7	78.3	78.8	79.0	79.1	79.6	79.7	79.7	80.0	80.1	80.3	80.7
GE 1800	72.3	74.0	75.9	76.7	78.0	78.8	79.2	79.6	79.7	80.1	80.2	80.2	80.6	80.7	80.9	81.2
GE 1500	73.0	74.7	76.6	77.6	79.0	79.9	80.3	80.7	80.8	81.2	81.3	81.3	81.7	81.8	82.0	82.3
GE 1200	74.8	76.7	78.7	79.8	81.4	82.3	82.8	83.1	83.2	83.8	83.9	83.9	84.2	84.3	84.6	84.9
GE 1000	75.2	77.1	79.3	80.9	82.6	83.4	83.9	84.2	84.3	85.0	85.1	85.1	85.4	85.6	85.8	86.1
GE 900	75.7	77.7	79.9	81.6	83.3	84.2	84.8	85.1	85.3	86.0	86.1	86.1	86.4	86.6	86.8	87.1
GE 800	76.1	78.1	80.3	82.0	84.1	85.0	85.1	85.9	86.2	86.9	87.0	87.0	87.3	87.4	87.7	88.0
GE 700	76.3	78.4	80.8	82.4	84.6	85.4	86.2	86.6	86.9	87.6	87.7	87.7	88.0	88.1	88.3	88.7
GE 600	76.8	79.0	81.3	83.6	86.0	87.0	87.9	88.2	88.6	89.3	89.8	89.8	90.1	90.2	90.4	90.8
GE 500	76.8	79.1	81.4	83.8	86.9	88.0	89.0	89.4	89.8	90.7	91.2	91.2	91.6	91.7	91.9	92.2
GE 400	77.0	79.4	82.0	84.4	87.6	89.1	90.3	90.9	91.2	92.1	93.1	93.1	93.7	93.8	94.2	94.7
GE 300	77.0	79.4	82.0	84.4	87.7	89.2	90.9	91.6	91.9	93.0	94.0	94.0	94.6	94.7	95.1	95.6
GE 200	77.0	79.4	82.1	84.6	87.8	89.3	91.0	91.8	92.4	93.8	95.6	95.6	96.7	96.8	97.8	98.6
GE 100	77.0	79.4	82.1	84.6	87.8	89.3	91.0	91.8	92.4	93.8	95.7	95.7	97.0	97.2	98.3	99.4
GE 000	77.0	79.4	82.1	84.6	87.8	89.3	91.0	91.8	92.4	93.8	95.7	95.7	97.0	97.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	44.8	44.8	45.0	45.0	45.0	45.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.3	45.6
GE 20000	50.0	50.7	50.8	51.0	51.0	51.1	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.7
GE 18000	50.4	51.1	51.3	51.6	51.6	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.2
GE 16000	50.6	51.2	51.4	51.7	51.7	51.8	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.1	52.3
GE 14000	51.0	51.8	52.0	52.2	52.2	52.3	52.3	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.7	52.9
GE 12000	52.4	53.2	53.4	53.7	53.7	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.3
GE 10000	55.8	57.1	57.3	57.6	57.6	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.3
GE 9000	57.2	58.7	58.9	59.1	59.1	59.2	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.7	59.9
GE 8000	60.1	61.6	61.9	62.2	62.2	62.3	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8	63.0
GE 7000	60.8	62.2	62.6	63.0	63.0	63.1	63.2	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.7	63.9
GE 6000	61.9	63.3	63.9	64.3	64.3	64.4	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.2
GE 5000	63.9	65.3	65.9	66.3	66.4	66.6	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.4
GE 4500	65.6	67.0	68.1	68.8	69.0	69.1	69.3	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.8	70.0
GE 4000	67.2	68.8	70.0	70.7	70.9	71.0	71.2	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.9
GE 3500	69.2	70.9	72.1	72.8	73.0	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.9	74.1
GE 3000	71.3	73.1	74.4	75.3	75.6	75.8	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.6	76.7	76.9
GE 2500	72.3	74.3	75.9	76.8	77.0	77.2	77.4	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.1	78.3
GE 2000	73.6	75.6	77.2	78.1	78.4	78.7	79.0	79.3	79.3	79.4	79.4	79.4	79.6	79.6	79.7	79.9
GE 1800	73.8	75.8	77.4	78.3	78.7	78.9	79.2	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.9	80.1
GE 1500	74.3	76.3	78.0	79.2	79.7	79.9	80.3	80.7	80.7	80.8	80.8	80.8	80.9	80.9	81.0	81.2
GE 1200	75.3	77.3	79.3	81.0	81.6	81.8	82.2	82.7	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.2
GE 1000	76.6	78.6	80.7	82.7	83.6	83.9	84.3	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.1	85.3
GE 900	77.3	79.3	81.7	83.9	84.9	85.2	85.7	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.4	86.7
GE 800	78.1	80.2	82.6	84.9	86.0	86.3	86.8	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.6	87.8
GE 700	78.3	80.7	83.3	86.2	87.3	87.7	88.2	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.1	89.3
GE 600	78.4	80.9	84.0	87.0	88.3	88.7	89.2	90.0	90.0	90.1	90.2	90.2	90.3	90.3	90.4	90.7
GE 500	78.6	81.1	84.3	87.4	89.1	89.9	90.7	91.6	91.6	91.8	92.1	92.1	92.2	92.2	92.3	92.6
GE 400	78.9	81.6	84.8	88.2	90.3	91.3	92.6	93.7	93.7	94.0	94.7	94.8	94.9	94.9	95.1	95.3
GE 300	79.0	81.7	85.0	88.4	90.8	91.9	93.1	94.3	94.3	94.8	95.6	95.7	96.0	96.0	96.3	96.6
GE 200	79.0	81.7	85.0	88.4	90.8	92.0	93.2	94.7	94.7	95.6	97.1	97.3	97.8	97.8	98.3	98.6
GE 100	79.0	81.7	85.0	88.4	90.8	92.0	93.2	94.7	94.7	95.6	97.2	97.4	98.1	98.4	99.3	99.8
GE 000	79.0	81.7	85.0	88.4	90.8	92.0	93.2	94.7	94.7	95.6	97.2	97.4	98.1	98.4	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 20000	48.3	48.3	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 18000	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 16000	49.0	49.0	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 14000	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 12000	51.4	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 10000	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 9000	55.7	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 8000	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 7000	60.4	60.4	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 6000	61.3	61.4	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 5000	63.8	63.9	64.4	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4500	65.7	66.0	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4000	69.2	69.7	70.7	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3500	72.7	73.1	74.1	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3000	76.1	76.7	77.7	78.2	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2500	78.3	78.9	80.0	80.8	81.1	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	80.1	80.7	81.8	82.6	82.9	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	80.4	81.0	82.2	83.0	83.3	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1500	8.8	82.3	83.6	84.3	84.7	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	83.2	83.8	85.1	86.0	86.4	87.0	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1000	83.6	84.2	85.9	86.8	87.4	88.1	88.3	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 900	83.9	84.6	86.3	87.6	88.4	89.1	89.4	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	84.1	84.9	86.9	88.1	89.0	89.8	90.1	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	84.2	85.0	87.1	88.3	89.6	90.6	91.0	91.0	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	84.2	85.1	87.2	88.8	90.4	91.4	91.9	91.9	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 500	84.7	85.8	88.1	89.8	91.4	92.7	93.2	93.4	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 400	84.9	86.0	88.6	90.3	92.2	93.7	94.3	94.6	95.1	95.8	96.1	96.1	96.2	96.2	96.2	96.2
GE 300	5.1	86.2	88.8	90.6	92.6	94.2	94.9	95.6	96.2	97.3	98.2	98.3	98.8	98.8	98.8	98.8
GE 200	85.1	86.2	88.8	90.6	92.6	94.2	95.0	95.8	96.4	97.7	98.7	98.8	99.4	99.7	99.8	99.8
GE 100	85.1	86.2	88.8	90.6	92.6	94.2	95.0	95.8	96.4	97.8	98.8	98.9	99.7	99.9	100.0	100.0
GE 000	85.1	86.2	88.8	90.6	92.6	94.2	95.0	95.8	96.4	97.8	98.8	98.9	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 20000	48.2	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 18000	48.8	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 16000	48.9	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 14000	50.0	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	51.0	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 10000	53.6	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 9000	54.4	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 8000	58.7	59.3	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 7000	59.1	59.8	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 6000	60.1	60.8	61.0	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 5000	64.1	64.8	65.1	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 4500	66.8	67.4	67.8	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4000	70.0	70.8	71.4	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3500	72.9	73.7	74.3	75.0	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	76.0	76.8	77.6	78.4	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	79.6	80.4	81.3	82.3	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000	80.4	81.4	82.6	83.6	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	81.2	82.2	83.3	84.3	84.6	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1500	82.2	83.2	84.3	85.7	86.0	86.2	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	82.9	83.9	85.0	86.4	87.1	87.3	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	83.4	84.4	85.7	87.1	88.1	88.4	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	83.7	84.8	86.0	87.6	88.6	88.9	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	84.1	85.4	86.7	88.6	89.6	90.0	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 700	84.3	85.7	86.9	89.0	90.3	91.0	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 600	84.4	85.8	87.0	89.6	91.3	92.4	93.4	93.9	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	84.4	85.8	87.1	89.7	91.4	92.8	93.8	94.4	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	84.4	85.9	87.2	89.9	91.9	93.3	95.2	95.9	96.2	96.2	96.6	96.6	96.7	96.7	96.7	96.7
GE 300	84.6	86.0	87.3	90.1	92.6	94.2	96.1	96.9	97.4	97.6	98.2	98.2	98.6	98.6	98.6	98.6
GE 200	84.6	86.0	87.3	90.1	92.6	94.2	96.2	97.2	97.9	98.2	98.9	98.9	99.3	99.4	99.8	99.9
GE 100	84.6	86.0	87.3	90.1	92.6	94.2	96.2	97.2	97.9	98.2	98.9	98.9	99.4	99.6	99.9	100.0
GE 000	84.6	86.0	87.3	90.1	92.6	94.2	96.2	97.2	97.9	98.2	98.9	98.9	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.3	49.7	50.0	50.3	50.4	50.7	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	52.1	52.4	52.8	53.1	53.2	53.4	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 18000	52.3	52.7	53.0	53.3	53.4	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	52.3	52.7	53.0	53.3	53.4	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	52.7	53.0	53.3	53.7	53.8	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 12000	53.6	53.9	54.3	54.8	54.9	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	55.2	55.7	56.2	56.7	56.8	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 9000	55.6	56.0	56.6	57.0	57.1	57.3	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 8000	60.1	60.7	61.2	61.7	61.8	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 7000	60.9	61.6	62.2	62.7	62.9	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	62.7	63.3	64.1	64.7	64.9	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	65.9	66.7	67.8	68.3	68.9	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 4500	67.8	68.7	69.9	70.6	71.1	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4000	69.6	70.6	71.9	72.6	73.1	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3500	71.6	72.6	73.9	74.6	75.1	75.6	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000	75.1	76.1	77.4	78.1	78.9	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2500	77.6	78.6	80.0	80.8	81.6	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2000	80.0	81.1	82.6	83.4	84.3	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1800	80.6	81.7	83.1	84.0	84.9	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	81.3	82.6	84.1	85.2	86.6	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1200	82.3	83.6	85.4	86.6	87.9	88.4	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	82.6	83.8	85.9	87.1	88.6	89.1	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 900	82.8	84.1	86.3	87.6	89.0	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	82.9	84.2	86.6	87.8	89.6	90.4	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	83.2	84.6	87.0	88.4	90.4	91.6	92.0	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 600	83.2	84.7	87.3	88.9	91.2	92.9	93.4	94.2	94.2	94.3	94.7	94.7	94.7	94.7	94.7	94.7
GE 500	83.2	84.8	87.7	89.3	91.9	93.8	94.7	95.8	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	83.2	84.9	87.8	90.2	93.0	95.0	96.1	97.2	97.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	83.2	84.9	87.8	90.2	93.1	95.7	96.9	98.3	98.3	98.4	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	83.2	84.9	87.8	90.2	93.1	95.8	97.0	98.4	98.4	98.7	99.4	99.4	99.6	99.6	99.7	99.7
GE 100	83.2	84.9	87.8	90.2	93.1	95.9	97.1	98.6	98.6	98.8	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	83.2	84.9	87.8	90.2	93.1	95.9	97.1	98.6	98.6	98.8	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.3	50.6	50.9	51.0	51.2	51.4	51.4	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	52.4	52.7	53.0	53.1	53.3	53.6	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 18000	52.6	52.8	53.1	53.2	53.4	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	52.6	52.8	53.1	53.2	53.4	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	52.7	52.9	53.2	53.3	53.6	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	53.4	53.7	54.0	54.1	54.3	54.6	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 10000	55.2	55.6	56.0	56.2	56.7	56.9	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 9000	56.1	56.6	57.0	57.2	57.7	57.9	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 8000	59.1	59.8	60.2	60.4	60.9	61.3	61.4	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 7000	60.9	61.6	62.0	62.2	62.7	63.1	63.3	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 6000	63.2	63.9	64.3	64.6	65.1	65.6	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 5000	66.2	66.9	67.3	67.6	68.2	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4500	68.1	69.1	69.7	69.9	70.6	71.1	71.3	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4000	70.2	71.2	71.8	72.0	72.7	73.2	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3500	71.0	72.0	72.7	72.9	73.7	74.2	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3000	73.8	74.8	75.7	75.9	76.9	77.4	77.8	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	76.2	77.2	78.2	78.7	79.7	80.2	80.6	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	78.9	80.1	81.2	81.8	82.9	83.4	83.8	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	79.2	80.4	81.6	82.1	83.4	84.0	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	80.1	81.6	82.8	83.4	85.3	86.3	86.7	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1200	81.7	83.1	84.3	85.0	86.9	87.9	88.2	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	81.9	83.4	84.7	85.3	87.2	88.3	88.7	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	82.1	83.8	85.0	85.8	87.8	88.9	89.2	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	82.6	84.3	85.6	86.6	89.1	90.2	90.7	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 700	82.6	84.8	86.0	87.1	89.8	90.9	91.6	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	82.7	85.0	86.4	87.7	90.8	92.1	92.8	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	82.8	85.1	86.6	87.9	91.1	93.4	94.1	94.8	94.8	95.3	95.3	95.4	95.4	95.4	95.4	95.4
GE 400	82.8	85.2	86.8	88.3	91.9	94.7	95.3	96.0	96.0	96.6	96.7	96.8	96.8	96.8	96.8	96.8
GE 300	82.8	85.2	86.8	88.4	92.3	95.6	96.3	97.6	97.7	98.2	98.3	98.4	98.4	98.4	98.6	98.6
GE 200	82.8	85.2	86.8	88.4	92.3	95.6	96.6	97.8	98.1	98.8	99.0	99.2	99.3	99.3	99.4	99.4
GE 100	82.8	85.2	86.8	88.4	92.3	95.6	96.6	97.8	98.1	98.9	99.3	99.6	99.8	99.9	100.0	100.0
GE 000	82.8	85.2	86.8	88.4	92.3	95.6	96.6	97.8	98.1	98.9	99.3	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.5	46.9	47.1	47.3	47.4	47.6	47.8	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.2	48.3
GE 20000	50.3	50.7	51.1	51.3	51.4	51.6	51.7	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.2	52.3
GE 18000	50.7	51.1	51.5	51.7	51.8	52.0	52.1	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.6	52.7
GE 16000	50.8	51.2	51.5	51.7	51.9	52.1	52.2	52.3	52.3	52.4	52.5	52.5	52.6	52.6	52.7	52.8
GE 14000	51.2	51.7	52.0	52.2	52.3	52.5	52.7	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.1	53.3
GE 12000	52.2	52.7	53.0	53.3	53.4	53.6	53.7	53.9	53.9	54.0	54.0	54.0	54.1	54.1	54.2	54.3
GE 10000	55.0	55.5	55.9	56.2	56.3	56.6	56.7	56.8	56.8	56.9	57.0	57.0	57.1	57.1	57.2	57.3
GE 9000	56.0	56.6	57.0	57.3	57.5	57.7	57.9	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.3	58.4
GE 8000	59.6	60.3	60.7	61.0	61.3	61.6	61.7	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.2	62.3
GE 7000	60.5	61.2	61.8	62.1	62.4	62.7	62.9	63.0	63.0	63.1	63.2	63.2	63.3	63.3	63.4	63.5
GE 6000	61.8	62.6	63.2	63.7	64.0	64.2	64.4	64.6	64.6	64.7	64.7	64.8	64.8	64.9	65.0	65.1
GE 5000	64.5	65.3	65.9	66.5	66.9	67.2	67.4	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.9	68.1
GE 4500	66.5	67.4	68.2	68.8	69.3	69.6	69.8	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.3	70.4
GE 4000	68.6	69.5	70.5	71.1	71.6	71.9	72.2	72.3	72.3	72.5	72.5	72.6	72.6	72.7	72.8	72.9
GE 3500	70.5	71.5	72.5	73.1	73.7	74.0	74.3	74.4	74.4	74.6	74.6	74.7	74.8	74.8	74.9	75.0
GE 3000	73.1	74.2	75.2	75.9	76.6	76.9	77.3	77.4	77.4	77.6	77.6	77.7	77.8	77.8	77.9	78.0
GE 2500	75.3	76.4	77.5	78.3	79.1	79.4	79.7	79.9	79.9	80.1	80.1	80.2	80.3	80.3	80.4	80.5
GE 2000	77.0	78.3	79.5	80.3	81.2	81.5	81.9	82.0	82.1	82.2	82.3	82.3	82.4	82.4	82.6	82.7
GE 1800	77.4	78.7	79.9	80.8	81.7	82.1	82.4	82.6	82.6	82.8	82.8	82.8	83.0	83.0	83.1	83.2
GE 1500	78.4	79.7	81.0	82.1	83.2	83.6	84.0	84.2	84.2	84.4	84.4	84.5	84.6	84.6	84.7	84.8
GE 1200	79.5	80.9	82.4	83.6	84.8	85.4	85.8	86.0	86.0	86.2	86.3	86.3	86.4	86.4	86.5	86.7
GE 1000	80.1	81.5	83.1	84.5	85.9	86.5	86.9	87.1	87.2	87.4	87.4	87.5	87.6	87.6	87.7	87.8
GE 900	80.5	81.9	83.7	85.2	86.8	87.4	87.8	88.1	88.1	88.3	88.4	88.4	88.5	88.6	88.7	88.8
GE 800	80.9	82.4	84.2	85.9	87.7	88.3	88.8	89.1	89.1	89.4	89.5	89.5	89.6	89.7	89.8	89.9
GE 700	81.1	82.8	84.7	86.5	88.5	89.3	89.9	90.2	90.3	90.6	90.7	90.7	90.8	90.8	91.0	91.1
GE 600	81.3	83.0	85.1	87.2	89.6	90.6	91.3	91.8	91.9	92.3	92.4	92.5	92.6	92.6	92.7	92.8
GE 500	81.4	83.2	85.3	87.5	90.2	91.5	92.4	93.0	93.2	93.6	93.8	93.9	94.0	94.1	94.2	94.3
GE 400	81.5	83.4	85.6	88.1	90.9	92.5	93.6	94.3	94.5	95.0	95.4	95.4	95.7	95.7	95.9	96.0
GE 300	81.5	83.4	85.7	88.2	91.3	93.1	94.3	95.2	95.5	96.0	96.7	96.8	97.1	97.2	97.3	97.5
GE 200	81.5	83.4	85.7	88.2	91.3	93.1	94.4	95.5	95.9	96.7	97.7	97.8	98.4	98.6	99.0	99.2
GE 100	81.5	83.4	85.7	88.2	91.3	93.1	94.5	95.6	95.9	96.8	97.8	97.9	98.7	99.0	99.5	99.9
GE 000	81.5	83.4	85.7	88.2	91.3	93.1	94.5	95.6	95.9	96.8	97.8	97.9	98.7	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	49.0	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0
GE 20000	51.7	51.8	52.4	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9
GE 18000	52.2	52.3	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
GE 16000	52.3	52.4	52.9	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
GE 14000	52.5	52.6	53.1	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7
GE 12000	53.7	53.8	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8
GE 10000	56.9	57.0	57.5	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4
GE 9000	57.0	57.1	57.7	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6
GE 8000	59.6	59.7	60.3	60.8	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
GE 7000	61.1	61.2	61.8	62.3	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
GE 6000	62.8	62.9	63.5	64.1	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6
GE 5000	65.7	66.2	67.0	68.1	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
GE 4500	68.1	68.6	69.4	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
GE 4000	69.5	70.0	70.8	72.2	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
GE 3500	71.9	72.5	73.3	74.8	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
GE 3000	74.3	74.9	75.8	77.4	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5
GE 2500	75.5	76.1	77.1	78.8	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
GE 2000	77.4	78.2	79.2	81.0	82.3	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7
GE 1800	77.7	78.5	79.6	81.4	82.7	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1
GE 1500	77.8	78.7	80.2	82.2	83.5	83.7	84.3	84.3	84.3	84.3	84.4	84.4	84.5	84.5	84.5	84.5
GE 1200	78.3	79.1	80.8	82.9	84.3	84.4	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4
GE 1000	78.7	79.7	81.4	84.0	85.6	85.7	86.5	86.7	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9
GE 900	79.1	80.3	82.4	85.2	86.9	87.1	87.8	88.1	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.5
GE 800	79.2	80.4	82.6	85.5	87.8	88.2	89.5	89.7	89.7	90.1	90.2	90.2	90.3	90.3	90.3	90.3
GE 700	79.5	80.6	83.0	86.0	89.0	89.8	91.1	91.4	91.4	91.9	92.2	92.2	92.3	92.6	92.6	92.6
GE 600	79.6	80.8	83.1	86.2	89.5	90.2	91.5	91.9	91.9	92.7	92.9	92.9	93.0	93.4	93.4	93.4
GE 500	79.6	80.8	83.1	86.3	90.1	91.0	92.6	93.0	93.1	94.0	94.3	94.3	94.4	94.8	94.8	94.8
GE 400	79.6	80.8	83.5	87.1	90.9	91.8	93.5	94.2	94.3	95.6	95.9	95.9	96.2	96.8	96.9	96.9
GE 300	79.6	80.8	83.5	87.2	91.1	92.0	93.8	94.7	94.9	96.3	96.7	96.7	97.0	97.5	97.6	97.6
GE 200	79.6	80.8	83.7	87.3	91.2	92.2	94.0	94.9	95.2	96.6	97.2	97.4	98.2	98.8	99.0	99.1
GE 100	79.6	80.8	83.7	87.3	91.2	92.2	94.0	95.1	95.3	96.9	97.5	97.7	98.7	99.4	99.9	100.0
GE 000	79.6	80.8	83.7	87.3	91.2	92.2	94.0	95.1	95.3	96.9	97.5	97.7	98.7	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	49.8	50.0	50.4	50.5	51.0	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7
GE 20000	52.0	52.2	52.4	52.8	52.9	53.3	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.1
GE 18000	52.2	52.3	52.5	52.9	53.0	53.4	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.2
GE 16000	52.2	52.3	52.6	53.0	53.1	53.5	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3
GE 14000	52.5	52.6	52.9	53.3	53.4	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.6
GE 12000	53.8	53.9	54.2	54.6	54.7	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9
GE 10000	56.0	56.1	56.5	56.9	57.0	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.2
GE 9000	56.1	56.2	56.6	57.1	57.2	57.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4
GE 8000	59.4	59.5	59.8	60.3	60.4	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7
GE 7000	60.8	60.9	61.2	61.7	61.8	62.3	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.1
GE 6000	61.6	61.7	62.2	62.7	62.8	63.2	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.1
GE 5000	64.7	65.1	65.6	66.2	66.5	66.9	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.7
GE 4500	67.0	67.3	68.0	68.8	69.0	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3
GE 4000	68.8	69.1	69.8	70.6	70.9	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.2
GE 3500	70.2	70.6	71.3	72.2	72.4	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.8
GE 3000	72.9	73.8	74.8	75.9	76.3	77.0	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.8
GE 2500	74.9	75.8	76.9	78.2	78.6	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.1
GE 2000	77.1	78.1	79.4	80.9	81.5	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.2
GE 1800	77.3	78.2	79.6	81.2	81.9	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.8
GE 1500	78.1	79.0	80.6	82.4	83.2	84.2	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3
GE 1200	78.5	79.6	81.3	83.0	83.9	84.8	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.9
GE 1000	79.6	80.8	82.7	84.4	85.5	86.5	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.7
GE 900	79.8	81.4	83.5	85.3	86.7	87.6	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.9
GE 800	80.0	81.6	83.8	85.6	87.1	88.1	88.9	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.7
GE 700	80.0	81.6	83.8	85.6	87.6	89.0	90.1	90.5	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.3
GE 600	80.4	82.0	84.2	86.0	88.3	89.9	91.1	91.5	91.5	91.9	91.9	92.2	92.2	92.2	92.4	92.7
GE 500	80.4	82.3	84.6	86.6	89.1	91.1	92.7	93.1	93.2	94.0	94.2	94.5	94.6	94.6	94.8	95.3
GE 400	80.4	82.4	85.2	87.2	90.2	92.2	94.1	94.7	94.8	95.7	95.9	96.5	96.7	96.7	97.0	97.6
GE 300	80.4	82.4	85.2	87.2	90.4	92.7	94.9	96.0	96.1	97.0	97.4	98.0	98.3	98.3	98.6	99.5
GE 200	80.4	82.4	85.2	87.2	90.4	92.7	94.9	96.0	96.1	97.0	97.4	98.2	98.5	98.5	98.8	99.7
GE 100	80.4	82.4	85.2	87.2	90.4	92.7	94.9	96.1	96.3	97.2	97.6	98.5	98.8	98.8	99.1	100.0
GE 000	80.4	82.4	85.2	87.2	90.4	92.7	94.9	96.1	96.3	97.2	97.6	98.5	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.5	46.8	47.2	47.4	47.7	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.6
GE 20000	50.3	50.6	51.3	51.5	51.9	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.9
GE 18000	50.9	51.2	51.8	52.0	52.5	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.4
GE 16000	51.0	51.3	52.2	52.4	52.8	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.8
GE 14000	51.8	52.2	53.0	53.2	53.7	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.6
GE 12000	53.3	53.7	54.6	54.8	55.3	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.2
GE 10000	55.4	55.8	56.9	57.1	57.6	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.6
GE 9000	56.2	56.7	57.7	58.2	58.7	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.7
GE 8000	59.9	60.3	61.4	61.8	62.4	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.3
GE 7000	61.4	61.9	63.1	63.5	64.1	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	65.2
GE 6000	63.0	63.5	64.8	65.3	65.9	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	67.0
GE 5000	65.1	65.6	66.9	67.3	68.0	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	69.1
GE 4500	67.3	68.1	69.7	70.3	71.1	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.3
GE 4000	68.9	69.8	71.5	72.2	72.9	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	74.1
GE 3500	70.0	70.9	72.8	73.4	74.2	74.7	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.4
GE 3000	71.9	72.8	74.8	75.9	76.9	77.4	77.6	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.6
GE 2500	74.1	75.1	77.3	78.4	79.4	80.0	80.2	80.6	80.6	80.8	80.8	80.8	80.9	80.9	80.9	81.2
GE 2000	76.3	77.3	79.8	81.2	82.3	83.0	83.2	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	84.2
GE 1800	77.0	78.0	80.4	81.8	82.9	83.7	83.9	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.8
GE 1500	77.7	78.7	81.4	83.0	84.2	84.9	85.2	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	86.2
GE 1200	78.4	79.7	82.4	84.1	85.3	86.0	86.2	86.7	86.8	87.2	87.2	87.2	87.3	87.3	87.3	87.6
GE 1000	79.1	80.5	83.3	85.1	86.3	87.2	87.6	88.2	88.3	88.7	88.8	88.8	88.9	88.9	88.9	89.2
GE 900	79.2	80.8	83.7	85.7	87.0	87.8	88.5	89.0	89.1	89.6	89.7	89.7	89.8	89.8	89.8	90.1
GE 800	79.2	80.8	83.7	85.9	87.3	88.3	88.9	89.7	89.8	90.2	90.3	90.3	90.4	90.4	90.4	90.8
GE 700	79.4	80.9	83.8	86.2	87.8	88.8	89.6	90.4	90.6	91.1	91.2	91.2	91.3	91.3	91.3	91.6
GE 600	79.5	81.0	84.0	86.5	88.3	89.2	90.1	91.1	91.4	92.2	92.3	92.4	92.5	92.5	92.5	92.8
GE 500	79.7	81.2	84.2	86.9	89.1	90.2	91.4	92.6	92.9	93.8	94.2	94.3	94.4	94.4	94.4	94.7
GE 400	79.8	81.3	84.5	87.3	89.7	90.9	92.5	93.8	94.2	95.1	95.5	95.7	96.0	96.1	96.1	96.7
GE 300	79.8	81.3	84.6	87.4	90.1	91.5	93.2	94.6	95.1	96.0	96.8	97.0	97.5	97.6	97.8	98.7
GE 200	79.8	81.3	84.6	87.4	90.2	91.7	93.7	95.1	95.5	96.6	97.5	97.7	98.4	98.5	98.8	99.7
GE 100	79.8	81.3	84.6	87.4	90.2	91.7	93.7	95.1	95.5	96.7	97.7	98.0	98.6	98.7	99.0	100.0
GE 000	79.8	81.3	84.6	87.4	90.2	91.7	93.7	95.1	95.5	96.7	97.7	98.0	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.2	45.6	46.1	46.5	46.5	46.5	46.5	46.6	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	50.5	51.3	51.9	52.4	52.4	52.4	52.4	52.5	52.5	5.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 18000	52.0	52.8	53.4	53.9	53.9	53.9	53.9	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	52.7	53.4	54.1	54.5	54.5	54.5	54.5	54.6	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 14000	53.3	54.1	54.7	55.2	55.2	55.2	55.2	55.3	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 12000	55.2	55.9	56.7	57.1	57.1	57.1	57.1	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	58.9	59.8	60.5	61.0	61.0	61.0	61.0	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	59.7	60.5	61.3	61.7	61.7	61.7	61.7	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	63.5	64.5	65.3	65.7	65.7	65.7	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 7000	65.5	66.7	67.5	68.0	68.0	68.0	68.0	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	66.3	67.7	68.8	69.2	69.5	69.5	69.5	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 5000	68.3	69.8	71.0	71.6	71.8	71.8	71.8	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	69.7	71.2	72.4	73.0	73.2	73.2	73.2	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4000	71.4	72.9	74.3	74.9	75.2	75.2	75.2	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	72.9	74.4	75.8	76.5	76.7	76.7	76.7	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3000	74.6	76.1	77.6	78.5	78.9	78.9	78.9	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2500	76.5	78.0	79.5	80.3	80.8	80.8	80.8	81.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000	78.4	80.1	81.7	82.9	83.4	83.7	83.7	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800	78.5	80.2	81.8	83.1	83.8	84.0	84.0	84.5	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	79.6	81.3	83.0	84.5	85.3	85.6	85.8	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	80.0	81.7	83.5	85.2	86.0	86.9	87.1	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	81.2	82.9	84.7	86.5	87.4	88.4	88.7	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	81.4	83.1	84.9	87.0	88.0	88.9	89.2	90.2	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	81.8	83.5	85.4	87.4	88.4	89.5	89.8	90.9	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	82.0	83.8	85.7	87.8	88.8	90.1	90.5	91.8	92.3	93.0	93.1	93.1	93.2	93.2	93.2	93.2
GE 600	82.4	84.2	86.2	88.4	89.4	90.8	91.2	92.6	93.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8
GE 500	82.6	84.4	86.6	88.7	89.9	91.3	91.7	93.3	94.1	95.7	95.9	95.9	96.0	96.0	96.0	96.0
GE 400	82.6	84.4	86.6	88.8	90.1	91.7	92.4	94.0	94.8	96.5	97.1	97.1	97.3	97.3	97.3	97.3
GE 300	82.6	84.4	86.6	88.8	90.3	92.2	92.8	94.7	95.7	97.5	98.4	98.4	98.8	98.9	98.9	98.9
GE 200	82.6	84.4	86.6	88.8	90.3	92.3	92.9	94.8	95.8	98.1	99.0	99.0	99.6	99.9	99.9	99.9
GE 100	82.6	84.4	86.6	88.8	90.3	92.3	92.9	94.8	95.8	98.1	99.0	99.0	99.7	100.0	100.0	100.0
GE 000	82.6	84.4	86.6	88.8	90.3	92.3	92.9	94.8	95.8	98.1	99.0	99.0	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.8	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 20000	50.3	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	51.9	52.5	52.7	52.7	52.7	52.7	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 16000	51.9	52.5	52.7	52.7	52.7	52.7	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 14000	52.3	52.8	53.0	53.0	53.0	53.0	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 12000	54.6	55.2	55.4	55.4	55.4	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 10000	58.0	58.5	58.8	58.8	58.8	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 9000	58.7	59.2	59.8	59.8	59.8	59.8	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 8000	63.1	63.9	64.6	64.6	64.6	64.6	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 7000	65.4	66.5	67.2	67.3	67.4	67.4	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	66.0	67.1	67.8	68.0	68.1	68.1	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	67.2	68.3	69.1	69.2	69.4	69.4	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	68.6	69.7	70.5	70.6	71.0	71.0	71.0	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4000	71.4	72.5	73.4	73.9	74.2	74.2	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	74.4	75.5	76.7	77.1	77.4	77.4	77.4	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	77.1	78.3	79.5	80.1	80.6	80.6	80.6	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	78.9	80.2	81.5	82.2	82.8	82.9	82.9	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2000	80.4	81.8	83.2	83.9	84.6	84.7	84.7	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	81.1	82.5	83.9	84.5	85.3	85.4	85.4	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	82.2	83.5	85.2	85.8	86.6	86.7	86.8	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1200	84.1	85.7	87.5	88.5	89.4	89.6	89.7	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	84.2	85.8	87.7	88.8	89.8	90.0	90.2	91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 900	84.3	85.9	87.8	88.9	89.9	90.2	90.4	91.3	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	84.6	86.2	88.2	89.2	90.2	90.5	90.8	91.6	92.3	92.4	92.4	92.6	92.8	92.8	92.8	92.8
GE 700	84.9	86.6	88.7	89.9	90.9	91.2	91.4	92.3	92.9	93.0	93.0	93.2	93.5	93.5	93.5	93.5
GE 600	84.9	86.6	88.8	90.1	91.3	91.8	92.0	92.9	93.5	93.9	93.9	94.1	94.4	94.4	94.4	94.4
GE 500	84.9	86.6	88.9	90.3	91.5	92.0	92.3	93.3	94.0	94.4	94.5	94.8	95.3	95.4	95.4	95.4
GE 400	84.9	86.6	88.9	90.4	91.8	92.5	92.8	93.9	94.5	95.3	95.7	96.0	96.6	96.7	96.7	96.7
GE 300	84.9	86.6	88.9	90.4	92.0	93.0	93.3	94.8	95.5	96.3	96.9	97.4	98.1	98.2	98.3	98.3
GE 200	84.9	86.6	88.9	90.4	92.0	93.0	93.3	95.3	95.9	96.9	97.7	98.4	99.4	99.5	99.7	99.8
GE 100	84.9	86.6	88.9	90.4	92.0	93.0	93.3	95.3	95.9	96.9	97.7	98.4	99.4	99.5	99.7	100.0
GE 000	84.9	86.6	88.9	90.4	92.0	93.0	93.3	95.3	95.9	96.9	97.7	98.4	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 18000	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 16000	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 14000	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 12000	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000	56.0	56.3	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 9000	56.6	56.9	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 8000	62.2	62.5	63.0	63.0	63.1	63.1	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	64.5	64.9	65.5	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	65.6	66.0	66.6	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	67.7	68.3	68.9	69.5	69.6	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	69.9	70.4	71.1	71.6	71.7	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
GE 4000	72.9	73.4	74.1	74.7	74.8	74.8	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2
GE 3500	75.3	75.8	76.6	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
GE 3000	77.5	78.3	79.0	79.9	80.2	80.3	80.5	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
GE 2500	78.9	79.7	80.4	81.3	81.7	81.8	82.0	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	80.2	81.1	81.9	83.2	84.0	84.1	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	81.0	82.2	83.0	84.3	85.2	85.3	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	82.3	83.4	84.6	86.0	87.0	87.1	87.5	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	83.2	84.5	85.9	87.5	88.8	89.1	89.8	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	83.3	84.6	86.0	87.6	89.2	89.6	90.5	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	83.3	84.6	86.3	88.0	89.8	90.1	91.1	91.5	91.6	91.6	91.9	91.9	92.0	92.0	92.0	92.0
GE 800	83.3	84.6	86.3	88.0	89.8	90.3	91.3	91.7	91.9	92.0	92.4	92.4	92.6	92.6	92.6	92.6
GE 700	83.5	85.1	86.8	88.6	90.6	91.2	92.2	92.6	92.8	92.9	93.3	93.3	93.5	93.5	93.5	93.5
GE 600	83.5	85.1	86.8	88.6	90.6	91.5	92.7	93.4	93.7	94.0	94.4	94.4	94.7	94.7	94.7	94.7
GE 500	83.5	85.1	86.8	88.6	90.6	91.6	92.9	93.8	94.1	94.6	95.1	95.1	95.6	95.6	95.6	95.6
GE 400	83.5	85.2	86.9	88.8	91.1	92.2	93.4	94.5	94.8	95.6	96.1	96.1	96.8	96.8	96.8	96.8
GE 300	83.5	85.2	86.9	88.8	91.3	92.6	94.1	95.2	95.5	96.6	97.2	97.2	98.3	98.3	98.4	98.4
GE 200	83.5	85.2	86.9	88.8	91.3	92.6	94.1	95.3	95.7	96.8	97.4	97.4	98.9	98.9	99.5	99.5
GE 100	83.5	85.2	86.9	88.8	91.3	92.6	94.1	95.3	95.7	96.8	97.4	97.4	98.9	98.9	99.5	99.9
GE 000	83.5	85.2	86.9	88.8	91.3	92.6	94.1	95.3	95.7	96.8	97.4	97.4	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.1	48.1	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 20000	51.1	51.1	51.2	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 18000	51.9	51.9	52.0	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000	52.2	52.2	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	52.6	52.6	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	55.5	55.5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 10000	58.0	58.0	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 9000	58.0	58.0	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	63.0	63.0	63.1	63.4	63.5	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 7000	66.2	66.2	66.3	66.8	66.9	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	67.2	67.2	67.3	67.7	67.8	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	69.4	69.4	69.5	69.9	70.1	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4500	71.8	71.8	71.9	72.5	72.7	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	73.5	73.5	73.8	74.3	74.5	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3500	76.0	76.0	76.3	76.9	77.1	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3000	78.0	78.0	78.4	78.9	79.2	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
GE 2500	79.4	79.4	79.9	80.4	80.8	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
GE 2000	80.8	80.9	81.4	82.2	82.5	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
GE 1800	80.9	81.0	81.5	82.3	82.6	83.2	83.5	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
GE 1500	81.6	81.7	82.6	83.8	84.2	84.8	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
GE 1200	82.3	82.6	83.5	84.8	85.5	86.2	86.8	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 1000	82.7	83.2	84.4	86.0	86.9	87.7	88.3	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 900	83.0	83.5	84.8	86.5	87.3	88.3	88.8	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
GE 800	83.1	83.7	84.9	86.7	88.1	89.0	89.7	89.9	90.0	90.4	90.4	90.4	90.5	90.5	90.5	90.5
GE 700	83.1	83.7	85.3	87.2	88.7	89.7	90.6	90.9	91.0	91.4	91.4	91.4	91.6	91.6	91.6	91.6
GE 600	83.2	84.1	85.8	87.8	89.6	90.8	91.8	92.3	92.4	92.9	93.0	93.0	93.2	93.2	93.2	93.2
GE 500	83.2	84.1	85.8	87.8	90.0	91.3	92.5	93.1	93.3	94.1	94.2	94.2	94.4	94.4	94.4	94.4
GE 400	83.2	84.2	86.0	88.3	90.9	92.3	93.7	94.4	94.6	95.4	95.5	95.5	95.7	95.7	95.7	95.7
GE 300	83.2	84.2	86.0	88.3	91.2	93.2	95.1	96.0	96.2	97.5	97.7	97.7	98.0	98.0	98.2	98.2
GE 200	83.2	84.2	86.0	88.3	91.2	93.3	95.2	96.1	96.3	97.6	98.1	98.1	98.5	98.5	99.1	99.2
GE 100	83.2	84.2	86.0	88.3	91.2	93.3	95.2	96.1	96.3	97.6	98.1	98.1	98.8	98.8	99.5	99.9
GE 000	83.2	84.2	86.0	88.3	91.2	93.3	95.2	96.1	96.3	97.6	98.1	98.1	98.8	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	46.8	47.0	47.3	47.4	47.4	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	51.0	51.1	51.3	51.6	51.8	51.8	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 18000	51.4	51.5	51.7	52.0	52.3	52.3	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000	51.6	51.7	51.9	52.3	52.5	52.5	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	52.0	52.2	52.4	52.7	52.9	52.9	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	53.4	53.5	53.8	54.1	54.3	54.3	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 10000	55.8	55.9	56.	56.6	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 9000	56.3	56.5	56.7	57.1	57.3	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 8000	60.1	60.2	60.5	61.0	61.2	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 7000	62.8	63.2	63.8	64.2	64.4	64.8	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 6000	64.5	64.9	65.5	66.0	66.2	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 5000	67.5	68.0	68.5	69.2	69.5	69.9	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4500	69.4	69.8	70.4	71.3	71.5	71.9	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	71.3	71.7	72.4	73.2	73.5	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	74.0	74.4	75.1	76.1	76.5	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	76.3	76.9	77.7	78.9	79.2	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 2500	78.0	78.5	79.4	80.5	80.9	81.6	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	79.5	80.0	81.0	82.4	82.7	83.4	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	79.5	80.0	81.0	82.5	82.8	83.5	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1500	80.0	80.5	81.7	83.3	83.9	84.6	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1200	80.3	81.0	82.5	84.2	85.1	85.8	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000	80.6	81.4	83.0	84.8	85.9	86.9	87.6	87.8	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.2
GE 900	81.4	82.2	83.8	85.8	87.1	88.1	88.8	89.0	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.4
GE 800	81.7	82.5	84.2	86.5	88.0	89.0	89.9	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5
GE 700	81.8	82.6	84.3	86.7	88.4	89.7	90.6	91.1	91.1	91.4	91.6	91.6	91.7	91.8	91.8	91.8
GE 600	82.0	82.9	84.6	87.0	88.8	90.1	91.3	91.7	91.7	92.0	92.4	92.4	92.5	92.6	92.6	92.6
GE 500	82.0	82.9	84.7	87.2	89.6	91.1	92.3	92.9	92.9	93.3	93.8	93.8	93.9	94.0	94.0	94.0
GE 400	82.0	82.9	84.7	87.3	89.9	91.4	93.0	93.7	93.7	94.1	94.5	94.7	95.4	95.7	95.7	95.7
GE 300	82.0	82.9	84.7	87.3	89.9	91.7	93.5	94.7	95.1	95.8	96.2	96.5	97.1	97.4	97.4	97.4
GE 200	82.0	82.9	84.7	87.3	89.9	91.8	93.7	94.9	95.3	96.1	96.8	97.0	97.8	98.3	98.7	98.7
GE 100	82.0	82.9	84.7	87.3	89.9	91.8	93.7	94.9	95.3	96.1	96.8	97.0	98.5	99.0	99.5	99.7
GE 000	82.0	82.9	84.7	87.3	89.9	91.8	93.7	94.9	95.3	96.1	96.8	97.0	98.5	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.5	46.6	46.9	47.1	47.2	47.3	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.6
GE 20000	50.7	51.0	51.3	51.5	51.6	51.8	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 18000	51.5	51.7	52.1	52.3	52.4	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8
GE 16000	51.6	51.9	52.3	52.5	52.6	52.7	52.8	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0
GE 14000	52.1	52.4	52.8	53.0	53.1	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5
GE 12000	54.0	54.3	54.7	54.9	55.0	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 10000	56.9	57.2	57.6	57.9	58.1	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5
GE 9000	57.3	57.6	58.1	58.4	58.6	58.7	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0
GE 8000	61.3	61.7	62.3	62.6	62.8	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
GE 7000	63.5	63.9	64.6	65.0	65.2	65.4	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8
GE 6000	64.6	65.1	65.8	66.3	66.5	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1
GE 5000	66.9	67.6	68.3	68.9	69.1	69.4	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8
GE 4500	69.0	69.6	70.4	71.1	71.4	71.6	71.7	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.1
GE 4000	71.0	71.6	72.5	73.3	73.6	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2
GE 3500	73.1	73.8	74.7	75.5	75.8	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
GE 3000	75.3	76.1	77.2	78.2	78.7	79.0	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6
GE 2500	77.0	77.8	79.0	80.0	80.6	80.9	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6
GE 2000	78.8	79.7	81.0	82.2	82.9	83.3	83.6	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1
GE 1800	79.1	80.1	81.3	82.6	83.4	83.8	84.1	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.7
GE 1500	79.9	80.9	82.4	83.9	84.7	85.2	85.6	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.3
GE 1200	80.6	81.7	83.4	85.0	86.0	86.6	87.1	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.9
GE 1000	81.2	82.4	84.2	85.9	87.1	87.7	88.3	88.8	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.3
GE 900	81.5	82.7	84.7	86.5	87.8	88.5	89.1	89.6	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1
GE 800	81.6	82.9	84.9	86.8	88.3	89.1	89.8	90.3	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.1
GE 700	81.8	83.1	85.2	87.3	89.0	89.9	90.8	91.4	91.6	91.9	92.1	92.1	92.3	92.3	92.3	92.4
GE 600	81.9	83.3	85.4	87.6	89.5	90.5	91.5	92.2	92.4	93.0	93.2	93.3	93.4	93.5	93.5	93.6
GE 500	82.0	83.4	85.6	87.8	90.0	91.2	92.3	93.1	93.5	94.2	94.5	94.6	94.8	94.9	94.9	95.0
GE 400	82.0	83.5	85.8	88.2	90.6	91.9	93.2	94.1	94.5	95.4	95.8	95.9	96.3	96.5	96.5	96.7
GE 300	82.0	83.5	85.8	88.2	90.8	92.4	93.8	95.1	95.5	96.6	97.2	97.4	97.9	98.0	98.2	98.4
GE 200	82.0	83.5	85.8	88.2	90.8	92.4	94.0	95.3	95.7	96.9	97.6	97.9	98.7	98.9	99.2	99.4
GE 100	82.0	83.5	85.8	88.2	90.8	92.4	94.0	95.3	95.8	97.0	97.7	98.0	98.9	99.1	99.5	99.9
GE 000	82.0	83.5	85.8	88.2	90.8	92.4	94.0	95.3	95.8	97.0	97.7	98.0	98.9	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	48.5	49.1	49.5	49.9	50.1	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.4	50.4
GE 20000	53.3	54.1	54.8	55.3	55.8	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.4
GE 18000	53.7	54.5	55.2	55.7	56.2	56.4	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.8
GE 16000	53.7	54.6	55.3	55.8	56.3	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9
GE 14000	54.2	55.0	55.8	56.3	56.8	56.9	57.0	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.4
GE 12000	55.6	56.5	57.3	57.8	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	59.0
GE 10000	58.7	59.7	60.6	61.2	61.7	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.4
GE 9000	59.3	60.3	61.2	61.8	62.4	62.6	62.7	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.1
GE 8000	62.8	63.9	65.0	65.6	66.3	66.4	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.9	66.9	67.0
GE 7000	64.0	65.2	66.3	67.0	67.6	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.4
GE 6000	65.1	66.3	67.4	68.2	68.9	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.6
GE 5000	67.2	68.5	69.7	70.5	71.2	71.4	71.6	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.0
GE 4500	69.0	70.4	71.6	72.5	73.3	73.5	73.7	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.1
GE 4000	71.0	72.4	73.8	74.7	75.6	75.8	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.5
GE 3500	72.8	74.2	75.7	76.7	77.6	77.8	78.1	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5
GE 3000	74.7	76.2	77.8	78.8	79.9	80.2	80.4	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9
GE 2500	75.8	77.5	79.1	80.2	81.3	81.6	81.9	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.4	82.5
GE 2000	77.0	78.7	80.4	81.6	82.8	83.1	83.4	83.6	83.7	83.8	83.8	83.8	83.9	83.9	83.9	84.0
GE 1800	77.2	78.9	80.7	81.9	83.1	83.4	83.7	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3
GE 1500	77.9	79.7	81.6	82.8	84.1	84.5	84.9	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.5	85.5
GE 1200	78.7	80.6	82.5	83.9	85.3	85.7	86.1	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.8	86.8
GE 1000	79.2	81.1	83.2	84.7	86.2	86.7	87.1	87.5	87.6	87.7	87.8	87.8	87.9	87.9	87.9	88.0
GE 900	79.6	81.5	83.7	85.3	86.8	87.4	87.9	88.2	88.3	88.5	88.6	88.6	88.6	88.7	88.7	88.8
GE 800	79.9	82.0	84.3	85.9	87.6	88.2	88.8	89.2	89.3	89.5	89.6	89.6	89.7	89.7	89.7	89.8
GE 700	80.2	82.3	84.7	86.5	88.4	89.0	89.6	90.1	90.2	90.5	90.6	90.6	90.7	90.7	90.8	90.9
GE 600	80.4	82.6	85.2	87.1	89.2	90.0	90.7	91.3	91.5	91.8	91.9	91.9	92.0	92.0	92.1	92.2
GE 500	80.6	82.8	85.5	87.6	90.0	91.0	91.9	92.7	92.9	93.3	93.5	93.5	93.6	93.7	93.7	93.8
GE 400	80.7	83.0	85.8	88.1	90.8	91.9	93.1	94.1	94.4	94.9	95.2	95.2	95.4	95.5	95.5	95.7
GE 300	80.7	83.0	85.9	88.2	91.2	92.5	93.9	95.1	95.6	96.3	96.8	96.8	97.1	97.2	97.3	97.5
GE 200	80.7	83.0	85.9	88.3	91.2	92.6	94.0	95.5	96.0	96.9	97.6	97.7	98.2	98.4	98.7	99.1
GE 100	80.7	83.0	85.9	88.3	91.2	92.6	94.0	95.5	96.1	97.0	97.7	97.8	98.5	98.7	99.2	99.9
GE 000	80.7	83.0	85.9	88.3	91.2	92.6	94.0	95.5	96.1	97.0	97.7	97.8	98.5	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 87667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	26.2	26.0	13.3	30.8	3.7	47.7	2.8	930
03-05	22.5	26.8	14.9	32.0	3.8	50.8	3.0	930
06-08	8.2	36.8	17.7	33.4	3.9	55.1	4.8	930
09-11	6.0	35.6	20.8	34.1	3.5	58.4	7.0	930
12-14	5.6	35.5	21.2	35.2	2.6	58.9	5.7	930
15-17	5.3	38.0	21.6	31.5	3.7	56.8	5.6	930
18-20	15.3	34.7	15.9	31.5	2.6	50.0	5.1	930
21-23	24.9	25.9	14.9	30.4	3.8	49.1	4.1	930
ALL HOURS	14.0	32.0	17.0	32.0	3.0	53.0	4.0	7440

MONTH: FEB HOURS: ALL

00-02	25.3	21.7	13.2	35.8	4.0	53.0	4.5	849
03-05	21.7	27.2	11.4	35.7	4.0	51.1	3.5	849
06-08	5.7	37.0	20.7	32.5	4.1	57.4	6.7	849
09-11	4.0	36.7	21.0	35.0	3.3	59.2	6.8	849
12-14	4.5	33.3	21.9	37.7	2.6	62.2	4.9	849
15-17	4.1	33.3	22.4	37.6	2.6	62.5	5.1	849
18-20	12.4	34.2	16.3	34.6	2.6	53.5	4.6	849
21-23	24.3	25.0	10.7	36.9	3.2	50.8	5.7	849
ALL HOURS	12.7	31.1	17.2	35.7	3.3	56.2	5.2	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	25.4	20.6	13.3	37.4	3.2	54.0	5.1	930
03-05	22.9	21.9	14.3	38.3	2.6	55.2	4.5	930
06-08	5.6	36.2	18.9	36.9	2.4	58.2	6.8	930
09-11	4.8	35.2	21.4	36.3	2.3	60.0	6.2	930
12-14	6.8	30.5	26.3	34.7	1.6	62.7	4.1	930
15-17	7.7	27.6	25.9	36.5	2.3	64.6	4.9	930
18-20	8.2	33.7	20.8	34.7	2.7	58.2	4.2	930
21-23	22.0	22.4	14.4	37.6	3.5	55.6	3.5	930
ALL HOURS	12.0	28.0	19.0	36.0	2.0	58.0	4.0	7440

MONTH: APR HOURS: ALL

00-02	16.6	25.2	13.0	41.0	4.2	58.2	3.8	900
03-05	11.3	28.7	17.0	37.3	5.7	60.0	5.4	900
06-08	5.3	27.3	24.0	38.4	4.9	67.3	7.6	900
09-11	3.9	25.6	29.1	40.2	1.2	70.6	5.3	900
12-14	2.7	26.6	27.3	42.6	.9	70.8	2.9	900
15-17	2.4	28.0	26.4	42.3	.8	69.6	2.4	900
18-20	3.2	28.1	24.9	40.7	3.1	68.7	1.8	900
21-23	13.1	25.0	17.3	40.8	3.8	61.9	2.9	900
ALL HOURS	7.3	26.8	22.4	40.4	3.1	65.9	4.0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	17.3	25.4	18.5	34.1	4.7	57.3	4.8	930
03-05	8.2	31.3	22.8	32.4	5.4	60.5	9.4	930
06-08	3.7	28.4	28.5	35.7	3.8	68.0	8.7	930
09-11	2.4	28.1	31.0	37.8	.8	69.6	5.5	930
12-14	2.0	26.7	32.2	39.0	.1	71.3	3.9	930
15-17	2.7	21.4	33.5	41.8	.5	75.9	5.6	930
18-20	1.4	24.5	29.7	43.2	1.2	74.1	6.7	930
21-23	10.8	26.6	21.7	37.6	3.3	62.7	5.5	930
ALL HOURS	6.0	26.0	27.0	37.0	2.0	67.0	6.0	7440

MONTH: JUN HOURS: ALL

00-02	18.3	29.9	19.1	29.7	3.0	51.8	9.2	900
03-05	6.1	34.9	23.1	32.4	3.4	59.0	11.7	900
06-08	4.8	33.9	22.8	36.0	2.6	61.3	11.9	900
09-11	1.8	34.0	27.8	35.7	.8	64.2	7.2	900
12-14	.6	31.0	35.9	32.4	.1	68.4	6.4	900
15-17	.6	28.0	39.2	31.7	.6	71.4	7.7	900
18-20	1.1	32.5	32.2	33.2	1.0	66.4	7.0	898
21-23	10.3	36.5	22.3	28.7	2.3	53.3	7.7	897
ALL HOURS	5.4	32.6	27.8	32.5	1.7	62.0	6.6	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	21.5	28.7	19.0	26.3	4.4	49.8	13.5	930
03-05	8.6	34.9	25.3	24.6	6.6	56.5	16.7	930
06-08	4.2	35.4	28.5	27.8	4.1	60.4	17.2	930
09-11	2.2	36.7	31.3	28.9	1.0	61.2	12.3	930
12-14	.3	34.2	36.7	28.4	.4	65.5	9.9	930
15-17	1.1	30.9	37.3	30.6	.1	68.1	11.0	930
18-20	1.4	31.0	34.4	31.8	1.4	67.6	11.6	930
21-23	10.6	38.3	23.1	25.9	2.0	51.1	12.3	930
ALL HOURS	6.0	33.0	29.0	28.0	2.0	60.0	13.0	7440

MONTH: AUG HOURS: ALL

00-02	20.9	29.4	19.4	28.6	1.8	49.8	12.5	930
03-05	11.7	34.7	21.3	29.6	2.7	53.5	15.2	930
06-08	3.9	36.9	27.3	29.5	2.5	59.2	15.2	930
09-11	2.6	38.6	29.9	28.0	1.0	58.8	9.4	930
12-14	.8	36.8	37.2	25.3		62.5	8.8	930
15-17	.8	39.5	32.9	26.9		59.8	10.4	930
18-20	2.5	38.5	31.1	27.6	.3	59.0	10.6	930
21-23	14.3	35.5	23.1	25.5	1.6	50.2	11.5	930
ALL HOURS	7.2	36.2	27.8	27.6	1.2	56.6	11.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	26.8	28.7	14.3	27.8	2.4	44.6	8.0	900
03-05	21.1	32.0	14.6	29.8	2.6	46.9	9.2	900
06-08	8.3	36.7	22.4	30.1	2.4	55.0	9.9	900
09-11	5.3	41.2	26.1	26.4	.9	53.4	6.3	900
12-14	2.2	43.9	30.1	23.8		53.9	6.1	900
15-17	2.7	40.3	30.1	26.8	.1	57.0	6.7	900
18-20	8.3	38.8	25.2	26.7	1.0	52.9	6.3	900
21-23	22.8	31.4	17.9	26.1	1.8	45.8	7.3	900
ALL HOURS	12.0	36.0	22.0	27.0	1.0	51.0	7.0	7200

MONTH: OCT HOURS: ALL

00-02	24.2	28.9	15.4	28.0	3.5	46.9	5.9	930
03-05	24.8	27.4	18.3	25.3	4.2	47.7	8.1	930
06-08	3.2	41.2	24.5	26.9	4.2	55.6	9.2	930
09-11	2.8	42.5	25.3	28.1	1.4	54.7	5.9	930
12-14	4.2	35.5	31.6	27.7	1.0	60.3	3.1	930
15-17	4.4	37.4	29.5	27.8	.9	58.2	2.9	930
18-20	11.9	37.4	20.0	28.7	1.9	50.6	3.2	930
21-23	23.2	28.7	20.2	24.9	2.9	48.1	4.6	930
ALL HOURS	12.4	34.9	23.1	27.2	2.5	52.8	5.4	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	18.4	28.7	14.7	35.8	2.4	52.9	6.4	900
03-05	18.9	30.1	14.2	33.7	3.1	51.0	7.6	900
06-08	3.0	38.7	24.0	30.8	3.6	58.3	8.3	900
09-11	3.2	34.4	24.7	35.4	2.2	62.3	8.1	900
12-14	2.8	32.4	27.4	36.3	1.0	64.8	5.0	900
15-17	3.0	31.8	27.2	36.9	1.1	65.2	4.1	900
18-20	13.0	31.9	17.0	37.3	.8	55.1	4.0	900
21-23	16.0	30.1	16.7	36.6	.7	53.9	5.2	900
ALL HOURS	9.0	32.0	20.0	35.0	1.0	57.0	6.0	7200

MONTH: DEC HOURS: ALL

00-02	21.3	23.3	17.0	34.8	3.5	55.4	4.8	930
03-05	23.0	22.3	16.5	35.5	2.8	54.7	4.3	930
06-08	7.6	36.0	17.2	36.7	2.5	56.3	6.5	930
09-11	2.6	37.2	26.2	31.5	2.5	60.2	5.9	930
12-14	1.7	36.3	23.9	34.9	3.1	61.9	4.6	930
15-17	2.2	35.3	20.9	38.8	2.9	62.6	5.6	930
18-20	16.6	25.9	14.7	40.1	2.7	57.5	5.5	930
21-23	18.6	22.8	16.1	38.6	3.9	58.6	4.2	930
ALL HOURS	11.7	29.9	19.1	36.4	3.0	58.4	5.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	21.8	26.4	15.9	32.5	3.4	51.8	6.8	10959
03-05	16.7	29.3	17.9	32.2	3.9	53.9	8.2	10959
06-08	5.3	35.4	23.1	32.9	3.4	59.3	9.4	10959
09-11	3.5	35.5	26.2	33.1	1.7	61.1	7.2	10959
12-14	2.8	33.6	29.4	33.1	1.1	63.6	5.5	10959
15-17	3.1	32.6	28.9	34.1	1.3	64.3	6.0	10959
18-20	7.9	32.6	23.5	34.2	1.8	59.5	5.9	10957
21-23	17.6	29.0	18.3	32.4	2.7	53.4	6.2	10956
ALL HOURS	9.8	31.8	22.9	33.1	2.4	58.4	6.9	87667

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (G 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).
CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE
HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED.
THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 100							.1	.1					.0
GE 95					.2	.5	1.3	.7					.2
GE 90				.2	.9	4.8	7.5	5.0	1.6				1.7
GE 85				.3	4.1	14.5	26.6	18.4	5.5	.2			5.9
GE 80				1.8	10.0	30.2	51.9	43.5	14.7	1.9			13.0
GE 75			.5	3.9	18.3	49.6	77.2	67.0	29.2	5.9	.3		21.2
GE 70			1.1	7.1	29.5	69.4	92.7	88.3	51.6	13.3	1.4		29.8
GE 65		.2	1.8	12.4	47.0	85.2	98.1	96.3	74.0	27.9	4.4	.2	37.6
GE 60	.1	.8	4.1	25.8	68.5	94.1	99.9	99.4	91.0	47.7	11.5	1.3	45.7
GE 55	1.2	1.4	8.6	40.9	86.0	98.7	100.0	100.0	98.3	70.5	24.5	4.0	53.3
GE 50	3.9	4.7	17.3	62.0	95.2	99.9			99.9	88.9	43.6	9.1	60.8
GE 45	8.7	11.8	35.9	82.3	99.3	100.0			100.0	97.4	64.9	17.2	68.5
GE 40	20.6	25.1	59.8	96.6	99.9					99.5	83.5	35.9	77.1
GE 35	39.4	48.2	83.4	99.6	100.0					99.9	95.8	55.9	85.4
GE 33	48.4	56.3	88.9	99.8						100.0	97.7	64.4	88.1
GE 30	59.7	69.3	94.3	99.8							99.2	76.1	91.7
GE 25	75.4	84.8	98.2	99.9							100.0	88.3	95.6
GE 20	87.8	94.1	99.6	100.0								95.6	98.1
GE 15	95.0	98.1	100.0									98.4	99.3
GE 10	99.1	99.6										99.6	99.9
GE 5	99.6	100.0										99.9	100.0
GE 0	100.0											100.0	100.0
.....													
MEAN	31.6	33.8	42.2	53.6	65.0	74.3	79.8	77.8	70.3	59.7	48.5	36.1	56.2
SD	9.93	9.27	8.97	9.71	10.10	9.05	6.92	7.18	8.31	8.59	8.88	9.91	19.07
.....													
TOTAL OBS	1023	932	1023	1011	1054	1020	1023	1023	990	1023	990	1023	12135
.....													

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75						.1	.7	.3					.1
GE 70					.1	1.5	6.5	5.2	.9				1.2
GE 65					.9	8.4	30.8	24.4	5.1				5.9
GE 60				.2	3.7	26.6	65.7	55.5	19.1	.7	.1		14.4
GE 55			.1	1.1	12.0	55.8	89.9	81.1	38.7	6.4	.4		24.0
GE 50	.1		.1	3.1	32.9	86.0	98.7	95.5	63.4	17.7	3.9	.1	33.7
GE 45	.1	.3	.8	10.1	61.5	97.5	100.0	99.3	83.9	37.3	10.9	.4	42.2
GE 40	.2	1.0	3.9	31.9	86.1	99.9		100.0	95.8	59.4	23.1	3.0	50.8
GE 35	3.8	4.5	16.1	61.4	97.5	100.0			99.8	82.1	41.8	7.8	60.0
GE 33	6.9	7.1	25.7	74.4	99.6				99.9	89.8	53.3	11.9	64.5
GE 30	12.4	13.9	43.6	88.4	99.9				100.0	95.7	69.4	23.6	71.0
GE 25	23.8	29.3	67.8	98.4	100.0					99.6	89.0	43.3	79.6
GE 20	38.7	45.7	84.2	99.7						100.0	97.5	61.3	85.8
GE 15	55.5	63.7	93.1	100.0							99.6	76.6	90.9
GE 10	71.7	78.6	97.7								100.0	89.0	94.8
GE 5	85.2	90.1	99.3									95.0	97.5
GE 0	93.5	96.0	100.0									98.7	99.0
GE -5	97.8	99.0										99.6	99.7
GE -10	99.5	100.0										100.0	100.0
GE -15	99.9												100.0
GE -20	100.0												100.0
MEAN	16.1	18.0	27.3	36.7	46.7	55.7	61.6	60.0	52.2	42.0	33.8	21.8	39.5
SD	10.83	10.23	7.94	6.35	6.66	6.01	5.32	6.13	7.52	7.69	8.04	9.78	17.40
TOTAL OBS	1023	932	1023	1011	1054	1020	1023	1023	990	1023	990	1023	12135

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85							.7	.2					.1
GE 80					.3	2.3	6.4	4.8	1.1				1.2
GE 75					1.5	10.6	26.4	19.4	4.7				5.3
GE 70				.7	5.8	28.4	59.7	46.3	14.6	.4			13.1
GE 65				1.4	15.7	52.4	87.4	76.0	32.7	4.1	.3		22.7
GE 60			.5	4.3	29.7	79.4	99.2	95.4	57.7	14.4	1.5		32.1
GE 55	.1	.1	1.2	11.4	53.4	95.1	100.0	99.5	82.9	31.7	6.0	.2	40.5
GE 50	.2	.2	2.8	25.1	81.6	99.7		100.0	96.9	56.2	15.7	1.3	48.7
GE 45	1.3	1.8	9.0	50.2	96.6	100.0			100.0	80.2	32.2	4.7	56.8
GE 40	5.7	6.1	25.9	80.0	99.6					94.9	58.0	13.1	65.7
GE 35	14.2	18.5	54.5	96.9	100.0					99.2	79.4	27.6	74.6
GE 33	21.2	25.8	64.2	98.7						99.9	87.7	37.0	78.2
GE 30	30.9	37.1	78.1	99.3						100.0	94.7	50.5	82.8
GE 25	49.0	57.9	91.1	99.9							99.0	70.2	89.1
GE 20	67.4	75.9	97.3	100.0							100.0	84.6	93.9
GE 15	81.4	89.6	99.1									93.4	97.0
GE 10	93.0	95.8	99.9									98.0	98.9
GE 5	97.8	98.8	100.0									99.5	99.7
GE 0	99.4	100.0										99.9	99.9
GE -5	99.9											100.0	100.0
GE -10	100.0												100.0
MEAN	24.1	26.2	35.0	45.4	56.1	65.3	70.9	69.1	61.5	51.1	41.4	29.2	48.1
SD	9.88	9.19	7.79	7.19	7.54	6.83	5.41	5.96	7.26	7.42	7.90	9.37	17.93
TOTAL OBS	1023	932	1023	1011	1054	1020	1023	1023	990	1023	990	1023	12135

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
56				78*	87	95	89	90	83	84	70	52	95*
57	54	66	60	85	86	92	93	90	89	74	66	60	93
58	47	44	54	80	84	87	92	88	85	78	63	47	92
59	58	50	67	71	90	95	89	95	94	83	75	52	95
60	50	49	59	75	81	90	90	92	92	72	64	52	92
61	48	60	60	69	85	90	87	85	89	76	72	54	90
62	52	44	75	90	87	88	87	86	83	77	60	62	90
63	47	43	67	75	82	92	95	86	81	87	67	49	95
64	49	46	59	82	99	95	101	88	93	85	70	60	101
65	53	47	61	78	90	90	95	95	93	77	65	59	95
66	58	54	53	67	82	90	95	89	85	77	67	60	95
67	58	54	63	75	80	93	87	86	81	81	69	59	93
68	46	44	60	74	77	90	95	90	82	83	59	53	95
69	45	42	54	77	87	91	91	92	92	75	57	59	92
70	44	54	50	78	87	87	92	93	90	76	63	60	93
71	43	50	59	62	83	93	90	92	88	84	74	55	93
72	56	54	64	75	86	83	90	89	86	70	62	50	90
73	55	51	64	80	79	92	92	92	92	76	69	62	92
74	61	55	67	84	85	89	90	90	84	76	75	52	90
75	52	51	52	66	85	91	91	100	77	75	71	64	100
76	52	60	66	91	84	91	93	90	83	74	63	50	93
77	42	42	78	81	91	86	98	93	90	72	66	47	98
78	53	40	56	69	90	88	95	91	86	83	68	51	95
79	59	47	63	72	93	93	93	90	85	81	68	63	93
80	55	45	53	70	87	93	91	86	90	70	60	53	93
81	46	62	75	73	90	94	95	85	80	70	67	46	95
82	50	47	54	80	81	81	94	85	85	78	73	68	94
83	55	54	55	81	78	92	93	94	94	79	66	54	94
84	47	60	51	79	85	93	90	89	85	76	65	58	93
85	34	55	70	80	87	83	90	91	85	75	73	57	91
86	50	41	79	70	88	88	95	84	84	73	69	58	95
87	43	45	64	70	91	86	95	97	82	70	76	53	97
88	53	53	65	64	86	95	94	92	81	81	69	57	95
89	55	66	79	68	81	90							90*

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

THE GREATEST VALUE OF 101 OCCURRED ON 07/01/64

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
56				27*	33	44	51	52	37	30	17	2	2*
57	-16	7	17	26	37	46	54	47	39	33	12	13	-16
58	3	-4	23	28	33	42	53	52	40	28	15	2	-4
59	-2	-3	16	27	38	45	56	50	39	27	17	9	-3
60	3	17	7	26	36	46	54	50	39	28	21	1	1
61	-10	-7	11	29	33	44	49	46	38	28	24	5	-10
62	-1	-7	4	23	35	47	48	51	32	25	23	-5	-7
63	3	-6	11	27	34	47	51	48	35	31	24	-6	-6
64	-4	1	18	19	32	44	53	49	35	33	19	2	-4
65	-10	3	15	20	37	43	47	40	35	29	19	6	-10
66	-2	-5	16	27	29	44	49	48	36	23	21	9	-5
67	2	-9	0	24	31	42	54	50	40	29	13	3	-9
68	-12	-4	9	27	33	47	52	47	39	32	20	-9	-12
69	0	6	8	18	34	44	48	51	37	24	16	-1	-1
70	-5	3	15	25	38	44	54	53	45	28	20	3	-5
71	-13	-8	17	27	37	43	49	47	40	37	19	4	-13
72	-1	-7	5	25	37	43	54	48	42	24	11	5	-7
73	-6	-6	18	25	36	41	54	52	34	29	20	6	-6
74	-10	5	12	27	34	40	51	48	35	23	20	13	-10
75	2	-1	11	22	42	43	50	48	39	30	28	-5	-5
76	-8	7	12	20	37	45	51	44	38	26	21	2	-8
77	2	4	21	21	35	46	49	48	41	29	25	0	0
78	8	0	9	24	37	48	49	52	39	29	17	11	0
79	2	-5	15	28	39	45	51	41	37	31	27	2	-5
80	5	6	2	31	38	42	53	54	37	29	21	-8	-8
81	-8	8	18	28	38	50	54	48	39	31	21	11	-8
82	-5	9	6	17	39	45	47	42	43	28	20	6	-5
83	-1	1	20	29	34	44	51	50	41	29	26	-4	-4
84	-8	5	5	29	32	45	52	52	40	30	21	10	-8
85	5	4	12	25	34	46	50	50	40	26	21	5	4
86	1	6	10	32	33	38	54	44	39	29	15	15	1
87	0	-2	8	28	36	44	56	48	41	30	16	5	-2
88	-4	1	11	31	40	45	47	45	39	29	26	2	-4
89	2	7	4	29	43	48							2*

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

THE LEAST VALUE OF -16 OCCURRED ON 01/15/57

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
56				43*	53	66	68	69	58	51	42	30	54*
57	18	31	36	47	57	68	71	66	64	52	44	36	49
58	28	22	37	47	54	62	70	70	62	49	42	22	47
59	24	23	34	46	60	62	73	72	65	52	42	33	49
60	27	32	30	45	57	67	71	70	61	50	43	25	48
61	19	27	33	43	53	65	68	68	66	53	41	29	47
62	24	21	34	46	54	66	67	67	59	51	40	28	47
63	27	21	35	45	56	66	71	66	58	56	44	20	47
64	26	24	36	45	61	68	73	66	61	52	42	29	49
65	23	25	35	43	58	66	70	70	63	51	38	30	48
66	24	26	35	41	52	65	70	66	57	50	43	30	47
67	29	22	29	42	50	67	71	69	61	52	37	30	47
68	19	21	36	47	53	62	71	67	62	54	38	25	46
69	25	26	32	46	55	65	67	73	61	51	41	29	48
70	18	27	33	45	58	65	72	71	63	54	44	25	48
71	19	28	35	43	54	67	71	71	65	56	38	30	48
72	27	25	34	43	57	65	72	70	65	48	37	27	48
73	26	26	40	49	54	66	72	72	61	51	40	35	50
74	27	26	36	49	53	64	70	69	60	46	42	33	48
75	29	27	33	42	59	65	73	69	60	52	46	28	49
76	21	32	37	50	57	70	70	68	60	49	38	23	48
77	19	26	39	46	58	64	71	71	60	51	44	28	48
78	24	24	33	44	60	67	72	71	60	52	41	30	48
79	28	20	38	44	58	65	73	68	62	51	46	33	49
80	27	24	34	45	57	64	72	70	62	48	38	24	47
81	17	34	37	49	58	69	72	68	61	49	41	30	49
82	17	27	34	45	56	60	71	66	62	51	45	35	48
83	27	29	37	48	55	67	73	71	66	51	42	28	50
84	23	34	30	44	55	67	70	71	60	53	41	34	49
85	20	30	37	45	57	62	71	67	61	51	42	28	48
86	27	25	38	48	56	63	70	68	59	50	38	33	48
87	25	25	35	46	56	64	71	69	62	50	42	34	48
88	25	28	37	46	57	66	73	73	62	50	45	30	49
89	32	29	35	45	59	65							44*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: +05

PERIOD OF RECORD: 5604-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	24.1	26.2	35.0	45.4	56.1	65.3	70.9	69.1	61.5	51.1	41.4	29.2	48.1
TOTAL OBS	1023	932	1023	1011	1054	1020	1023	1023	990	1023	990	1023	12135

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	21.9	10.838	930	23	738	0	0	0	930
03-05	20.7	11.006	930	27	770	0	0	0	930
06-08	20.0	11.145	930	37	783	0	0	0	930
09-11	23.8	10.673	930	12	704	0	0	0	930
12-14	28.5	10.002	930	1	606	0	0	0	930
15-17	28.7	9.666	930	1	607	0	0	0	930
18-20	25.8	9.753	930	5	700	0	0	0	930
21-23	23.8	10.483	930	7	718	0	0	0	930
ALL HOURS	24.1	10.861	7440	113	5626	0	0	0	7440

MONTH: FEB

00-02	25.8	9.707	849	4	628	0	0	0	849
03-05	24.5	10.122	849	6	652	0	0	0	849
06-08	23.9	10.181	849	6	672	0	0	0	849
09-11	28.5	9.442	849	0	564	0	0	0	849
12-14	32.9	8.777	849	0	419	1	0	0	849
15-17	33.1	8.430	849	0	396	1	0	0	849
1-20	29.9	8.407	849	0	536	0	0	0	849
21-23	27.5	8.895	849	0	609	0	0	0	849
ALL HOURS	28.3	9.861	6792	16	4476	2	0	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	31.8	9.035	930	0	446	3	0	0	930
03-05	30.5	9.454	930	0	523	3	0	0	930
06-08	31.0	9.892	930	0	480	3	0	0	930
09-11	36.8	10.077	930	0	260	10	0	0	930
12-14	40.5	9.923	930	0	160	26	0	0	930
15-17	40.4	9.522	930	0	165	23	0	0	930
18-20	36.6	8.450	930	0	255	9	0	0	930
21-23	34.1	8.599	930	0	339	6	0	0	930
ALL HOURS	35.2	10.062	7440	0	2628	83	0	0	7440

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	41.7	6.568	900	0	52	2	0	0	900
03-05	40.3	6.484	900	0	105	0	0	0	900
06-08	42.4	6.495	900	0	47	0	0	0	900
09-11	48.6	7.833	900	0	13	25	0	0	900
12-14	51.3	8.787	900	0	10	73	2	0	900
15-17	50.8	8.848	899	0	7	63	4	0	899
18-20	46.9	7.517	900	0	9	20	0	0	900
21-23	44.2	6.886	900	0	26	11	0	0	900
ALL HOURS	45.8	8.499	7199	0	269	194	6	0	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	51.5	7.053	930	0	0	52	0	0	930
03-05	49.8	7.026	930	0	1	33	0	0	930
06-08	53.8	7.194	930	0	0	83	1	0	930
09-11	60.5	8.659	930	0	0	273	23	0	930
12-14	62.8	9.640	930	0	0	361	60	0	930
15-17	61.7	9.628	929	0	0	300	56	0	929
18-20	57.5	8.480	930	0	0	187	15	0	930
21-23	54.0	7.399	930	0	0	100	0	0	930
ALL HOURS	56.4	9.344	7439	0	1	1389	155	0	7439

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	59.0	6.412	900	0	0	172	1	0	900
03-05	57.3	6.190	900	0	0	118	0	0	900
06-08	61.3	6.775	900	0	0	278	6	0	900
09-11	68.1	8.647	900	0	0	597	95	0	900
12-14	71.1	9.709	900	0	0	664	189	7	900
15-17	70.4	9.659	900	0	0	648	164	5	900
18-20	65.8	8.244	898	0	0	492	51	0	898
21-23	61.4	6.844	897	0	0	284	4	0	897
ALL HOURS	64.3	9.356	7195	0	0	3253	510	12	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	65.5	5.401	930	0	0	555	0	0	930
03-05	63.9	5.499	930	0	0	452	0	0	930
06-08	67.4	5.357	930	0	0	663	8	0	930
09-11	74.9	6.366	930	0	0	873	237	0	930
12-14	78.5	7.102	930	0	0	897	440	16	930
15-17	77.5	7.356	930	0	0	888	369	16	930
18-20	72.5	6.546	930	0	0	835	146	0	930
21-23	68.1	5.399	930	0	0	699	20	0	930
ALL HOURS	71.0	8.049	7440	0	0	5862	1220	32	7440

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	63.8	6.346	930	0	0	449	6	0	930
03-05	62.2	6.535	930	0	0	375	0	0	930
06-08	64.8	6.430	930	0	0	495	7	0	930
09-11	72.1	6.985	930	0	0	795	146	0	930
12-14	75.6	7.664	930	0	0	861	301	8	930
15-17	74.7	7.635	930	0	0	849	280	11	930
18-20	69.5	6.696	930	0	0	714	66	0	930
21-23	65.8	6.248	930	0	0	542	20	0	930
ALL HOURS	68.6	8.379	7440	0	0	5080	826	19	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	56.7	7.551	900	0	0	146	0	0	900
03-05	55.0	7.824	900	0	0	103	0	0	900
06-08	56.6	7.598	900	0	0	135	0	0	900
09-11	64.6	7.421	900	0	0	424	29	0	900
12-14	68.8	8.027	900	0	0	614	98	3	900
15-17	67.7	8.187	900	0	0	543	88	0	900
18-20	61.9	7.430	900	0	0	305	11	0	900
21-23	58.7	7.262	900	0	0	205	1	0	900
ALL HOURS	61.2	9.125	7200	0	0	2475	227	3	7200

MONTH: OCT

00-02	46.2	8.251	930	0	30	16	0	0	930
03-05	45.0	8.461	930	0	58	10	0	0	930
06-08	45.6	8.391	930	0	42	11	0	0	930
09-11	52.9	7.756	930	0	0	69	0	0	930
12-14	56.9	7.944	930	0	0	160	4	0	930
15-17	55.2	7.811	930	0	0	119	1	0	930
18-20	50.5	7.472	930	0	0	40	0	0	930
21-23	47.7	7.863	930	0	8	23	0	0	930
ALL HOURS	50.0	9.121	7440	0	138	448	5	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	39.2	8.809	900	0	221	7	0	0	900
03-05	38.2	8.891	900	0	261	3	0	0	900
06-08	38.3	8.974	900	0	249	3	0	0	900
09-11	43.2	8.653	900	0	96	15	0	0	900
12-14	47.0	8.692	900	0	31	36	0	0	900
15-17	45.5	8.531	900	0	43	25	0	0	900
18-20	42.1	8.418	900	0	100	14	0	0	900
21-23	40.3	8.590	900	0	159	9	0	0	900
ALL HOURS	41.7	9.221	7200	0	1160	112	0	0	7200

MONTH: DEC

00-02	29.0	10.463	930	3	594	0	0	0	930
03-05	28.0	10.626	930	7	633	0	0	0	930
06-08	27.4	10.645	930	13	657	0	0	0	930
09-11	30.9	10.534	930	6	508	4	0	0	930
12-14	34.6	10.111	930	3	372	3	0	0	930
15-17	33.8	9.680	930	3	394	2	0	0	930
18-20	31.3	9.623	930	3	514	0	0	0	930
21-23	29.8	10.022	930	3	567	0	0	0	930
ALL HOURS	30.6	10.530	7440	41	4239	9	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	44.4	16.662	10959	30	2709	1402	7	0	10959
03-05	43.0	16.604	10959	40	3003	1097	0	0	10959
06-08	44.5	17.937	10959	56	2930	1671	22	0	10959
09-11	50.5	19.180	10959	18	2145	3085	530	0	10959
12-14	54.1	18.994	10959	4	1598	3696	1094	34	10959
15-17	53.4	18.655	10957	4	1612	3461	962	32	10957
18-20	49.3	17.605	10957	8	2114	2616	289	0	10957
21-23	46.4	16.824	10956	10	2426	1879	45	0	10956
ALL HOURS	48.2	18.274	87665	170	18537	18907	2949	66	87665

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80		
00-02	19.5	10.511	930	817	3	0	0	0		930
03-05	18.4	10.671	930	829	3	0	0	0		930
06-08	17.8	10.694	930	845	2	0	0	0		930
09-11	20.9	10.157	930	804	3	0	0	0		930
12-14	24.5	9.349	929	740	3	0	0	0		929
15-17	24.6	9.158	930	736	1	0	0	0		930
18-20	22.5	9.482	930	781	0	0	0	0		930
21-23	20.9	10.183	930	794	1	0	0	0		930
ALL HOURS	21.1	10.341	7439	6346	16	0	0	0		7439

MONTH: FEB

00-02	23.2	9.859	849	690	5	0	0	0		849
03-05	22.1	10.243	849	703	2	0	0	0		849
06-08	21.6	10.323	849	711	0	0	0	0		849
09-11	25.1	9.465	849	652	0	0	0	0		849
12-14	28.1	8.550	849	597	7	0	0	0		849
15-17	28.3	8.295	849	597	8	0	0	0		849
18-20	26.2	8.695	848	646	5	0	0	0		848
21-23	24.5	9.302	849	683	6	0	0	0		849
ALL HOURS	24.9	9.662	6791	5279	33	0	0	0		6791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	28.5	8.911	930	606	12	0	0	0	930
03-05	27.5	9.327	930	641	8	0	0	0	930
06-08	27.9	9.639	930	615	13	0	0	0	930
09-11	31.9	9.284	930	446	35	0	0	0	930
12-14	34.2	8.568	930	363	45	0	0	0	930
15-17	34.1	8.071	930	363	41	0	0	0	930
18-20	31.8	7.980	930	462	24	0	0	0	930
21-23	30.3	8.483	930	542	24	0	0	0	930
ALL HOURS	30.8	9.129	7440	4038	202	0	0	0	7440

MONTH: APR

00-02	38.2	6.720	900	177	60	0	0	0	900
03-05	37.1	6.868	900	224	40	0	0	0	900
06-08	38.6	6.762	900	154	45	0	0	0	900
09-11	42.1	7.011	900	57	137	0	0	0	900
12-14	43.7	7.149	899	34	178	0	0	0	899
15-17	43.4	7.08	899	36	162	0	0	0	899
18-20	41.4	6.745	900	64	103	0	0	0	900
21-23	39.9	6.774	900	113	85	0	0	0	900
ALL HOURS	40.6	7.245	7198	859	815	0	0	0	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 * STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	48.1	6.993	930	6	370	2	0	0	930
03-05	47.0	7.195	930	11	318	0	0	0	930
06-08	49.5	7.052	930	4	427	9	1	0	930
09-11	52.8	7.253	930	0	599	37	7	0	930
12-14	53.8	7.446	930	0	642	56	8	0	930
15-17	53.1	7.376	929	0	597	40	1	0	929
18-20	51.1	7.164	930	2	499	18	1	0	930
21-23	49.5	7.086	930	3	426	12	0	0	930
ALL HOURS	50.6	7.597	7439	26	3878	174	18	0	7439

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	55.5	6.05	900	0	758	33	4	0	900
03-05	54.4	6.099	900	0	705	16	3	0	900
06-08	56.9	6.111	900	0	804	61	4	0	900
09-11	59.9	6.557	900	0	858	161	23	0	900
12-14	60.9	6.641	900	0	865	188	47	2	900
15-17	60.6	6.506	900	0	875	170	39	1	900
18-20	58.7	6.288	898	0	841	121	11	0	898
21-23	56.8	6.067	897	0	794	63	3	0	897
ALL HOURS	58.0	6.659	7195	0	6500	813	134	3	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	62.2	5.611	930	0	910	217	21	0	930
03-05	61.1	5.793	930	0	895	197	8	0	930
06-08	63.3	5.366	928	0	922	265	33	0	928
09-11	66.7	5.598	929	0	929	481	161	2	929
12-14	67.7	5.707	930	0	930	538	207	16	930
15-17	67.3	5.507	930	0	930	508	184	8	930
18-20	65.5	5.472	930	0	928	404	103	0	930
21-23	63.5	5.384	930	0	925	291	43	0	930
ALL HOURS	64.7	6.025	7437	0	7369	2901	760	26	7437

MONTH: AUG

00-02	60.8	6.418	930	0	887	188	25	0	930
03-05	59.7	6.761	930	0	865	152	14	0	930
06-08	61.3	6.556	930	0	896	213	35	0	930
09-11	65.1	6.488	929	0	924	402	126	3	929
12-14	66.1	6.532	930	0	925	459	176	10	930
15-17	65.6	6.298	930	0	926	421	147	2	930
18-20	63.6	6.180	930	0	917	313	71	0	930
21-23	61.9	6.277	930	0	904	239	34	0	930
ALL HOURS	63.0	6.825	7439	0	7244	2387	628	15	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	53.6	7.563	900	0	622	39	0	0	900
03-05	52.3	7.921	900	0	560	34	0	0	900
06-08	53.4	7.763	900	0	610	48	1	0	900
09-11	58.1	7.130	900	0	817	122	26	0	900
12-14	59.7	7.043	900	0	849	159	43	0	900
15-17	59.1	6.967	900	0	836	153	30	0	900
18-20	56.6	7.104	900	0	752	88	7	0	900
21-23	55.0	7.259	900	0	692	58	4	0	900
ALL HOURS	56.0	7.813	7200	0	5738	701	111	0	7200

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	43.2	8.569	930	103	236	3	0	0	930
03-05	42.1	8.809	930	129	213	3	0	0	930
06-08	42.6	8.673	930	112	213	1	0	0	930
09-11	47.2	7.943	930	10	353	6	0	0	930
12-14	49.1	7.739	930	0	443	11	0	0	930
15-17	48.2	7.639	930	7	407	8	0	0	930
18-20	45.8	7.908	930	28	318	0	0	0	930
21-23	44.1	8.177	930	73	263	0	0	0	930
ALL HOURS	45.3	8.544	7440	462	2446	32	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	36.1	9.010	900	375	83	0	0	0	900
03-05	35.3	9.154	900	409	75	0	0	0	900
06-08	35.4	9.279	900	404	77	0	0	0	900
09-11	38.8	8.857	900	246	117	0	0	0	900
12-14	41.0	8.444	900	138	143	2	0	0	900
15-17	40.0	8.459	900	173	129	0	0	0	900
18-0	38.0	8.756	900	276	105	0	0	0	900
21-23	36.8	8.888	898	327	89	0	0	0	898
ALL HOURS	37.7	9.105	7198	2348	818	2	0	0	7198

MONTH: DEC

00-02	26.4	10.399	930	699	17	0	0	0	930
03-05	25.6	10.548	930	727	14	0	0	0	930
06-08	25.0	10.438	930	733	12	0	0	0	930
09-11	27.6	10.156	930	680	18	0	0	0	930
12-14	30.1	9.490	930	573	30	0	0	0	930
15-17	29.5	9.258	930	606	23	0	0	0	930
18-20	27.8	9.540	930	676	12	0	0	0	930
21-23	26.9	9.959	930	695	16	0	0	0	930
ALL HOURS	27.4	10.120	7440	5389	142	0	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	41.4	16.490	10959	3473	3963	482	50	0	10959
03-05	40.3	16.550	10959	3673	3698	402	25	0	10959
06-08	41.2	17.376	10957	3578	4021	597	74	0	10957
09-11	44.8	17.398	10957	2895	4790	1209	343	5	10957
12-14	46.7	16.584	10957	2445	5060	1413	481	28	10957
15-17	46.2	16.344	10957	2518	4935	1300	401	11	10957
18-20	44.2	16.408	10956	2935	4509	944	193	0	10956
21-23	42.6	16.389	10954	3230	4225	663	84	0	10954
ALL HOURS	43.4	16.847	87656	24747	35201	7010	1651	44	87656

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	10.6	14.337	930	810	27	930	0	930
03-05	9.9	14.178	930	820	23	930	0	930
06-08	9.5	14.094	930	827	15	930	0	930
09-11	11.3	14.040	930	794	20	930	0	930
12-14	13.1	13.966	929	776	42	929	0	929
15-17	13.2	14.056	930	782	42	930	0	930
18-20	12.4	14.135	930	788	39	930	0	930
21-23	11.6	14.366	930	794	38	930	0	930
ALL HOURS	11.4	14.211	7439	6391	246	7439	0	7439

MONTH: FEB

00-02	14.9	14.212	849	660	62	848	0	849
03-05	14.4	14.328	849	668	63	849	0	849
06-08	13.8	14.343	849	683	61	849	0	849
09-11	15.4	14.167	849	661	80	849	0	849
12-14	16.3	13.962	849	653	81	849	0	849
15-17	16.6	13.964	849	642	72	849	0	849
18-20	16.1	14.184	848	650	67	848	0	849
21-23	15.5	14.229	849	666	64	847	0	849
ALL HOURS	15.4	14.213	6791	5283	550	6788	0	6791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	20.7	13.308	930	599	85	930	0	930
03-05	20.1	13.630	930	607	75	930	0	930
06-08	20.4	13.853	930	599	85	930	0	930
09-11	22.0	14.073	930	558	129	930	0	930
12-14	22.7	13.243	930	564	129	930	0	930
15-17	22.6	12.749	930	575	116	930	0	930
18-20	22.2	12.807	930	575	97	929	0	930
21-23	21.9	12.977	930	573	93	928	0	930
ALL HOURS	21.6	13.387	7440	4650	809	7437	0	7440

MONTH: APR

00-02	32.9	9.713	900	244	319	896	0	899
03-05	32.1	9.707	900	278	301	898	0	899
06-08	32.6	10.066	900	245	328	896	0	899
09-11	33.3	11.160	900	259	361	888	0	899
12-14	33.8	11.104	899	247	385	877	0	899
15-17	33.7	10.905	899	236	365	880	0	899
18-20	33.7	10.585	900	236	371	891	0	899
21-23	33.8	10.161	900	229	375	889	0	899
ALL HOURS	33.3	10.473	7198	1974	2805	7115	0	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	44.5	8.765	930	32	758	833	7	930
03-05	43.9	8.916	930	29	727	827	6	930
06-08	45.2	9.203	930	27	766	803	10	930
09-11	45.6	10.293	930	51	745	764	20	930
12-14	45.5	10.593	930	43	732	767	27	930
15-17	44.9	10.564	929	57	721	775	17	929
18-20	44.8	10.090	930	45	737	792	15	930
21-23	45.0	9.518	930	39	754	802	8	930
ALL HOURS	44.9	9.809	7439	323	5940	6363	110	7439

MONTH: JUN

00-02	52.7	6.952	900	0	887	596	38	900
03-05	52.1	6.989	900	0	885	613	23	900
06-08	53.4	7.190	900	0	888	546	46	900
09-11	53.8	8.423	900	0	873	504	90	900
12-14	53.5	8.558	900	0	874	532	89	900
15-17	53.4	8.259	900	0	883	528	74	900
18-20	53.4	7.845	898	0	874	534	71	900
21-23	53.2	7.261	897	0	882	550	43	900
ALL HOURS	53.2	7.762	7195	0	7046	4403	474	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	59.9	6.791	930	0	929	212	251	930
03-05	59.2	6.805	930	0	927	258	231	930
06-08	60.6	6.718	928	0	928	192	272	928
09-11	61.7	7.659	929	0	929	190	360	929
12-14	61.3	8.136	930	0	930	228	370	930
15-17	61.1	7.765	930	0	930	222	346	930
18-20	61.1	7.424	930	0	928	197	336	930
21-23	60.5	6.958	930	0	929	190	292	930
ALL HOURS	60.7	7.362	7437	0	7430	1689	2458	7437

MONTH: AUG

00-02	58.8	7.303	930	0	930	298	228	930
03-05	57.9	7.614	930	0	930	354	195	930
06-08	59.0	7.600	930	0	930	295	245	930
09-11	60.6	8.188	929	0	927	254	339	930
12-14	60.2	8.687	930	0	926	275	329	930
15-17	59.8	8.503	930	0	925	287	300	930
18-20	59.7	7.794	930	0	927	266	267	930
21-23	59.3	7.386	930	0	930	284	254	930
ALL HOURS	59.4	7.964	7439	0	7425	2313	2157	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	51.0	8.534	900	2	856	612	48	900
03-05	49.8	8.980	900	4	837	647	46	900
06-08	50.6	8.991	900	4	847	624	56	900
09-11	52.9	9.236	900	6	857	554	97	900
12-14	52.7	9.522	900	4	854	541	104	900
15-17	52.5	9.316	900	4	859	564	96	900
18-20	52.4	8.863	900	3	858	568	83	900
21-23	51.8	8.508	900	3	859	583	62	900
ALL HOURS	51.7	9.086	7200	30	6827	4693	592	7200

MONTH: OCT

00-02	39.3	10.554	930	140	541	881	6	930
03-05	38.4	10.652	930	151	503	889	7	930
06-08	38.7	10.584	930	136	505	885	4	930
09-11	40.6	11.052	930	111	567	822	4	930
12-14	40.6	11.267	930	131	573	821	3	930
15-17	40.4	11.022	930	125	579	839	1	930
18-20	40.3	10.679	930	124	580	854	2	930
21-23	39.7	10.480	930	129	555	874	3	930
ALL HOURS	39.8	10.838	7440	1047	4403	6865	30	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	30.8	11.713	900	380	272	891	0	900
03-05	30.3	11.656	900	416	274	886	1	900
06-08	30.3	11.830	900	409	257	879	0	900
09-11	32.0	12.122	900	336	310	871	0	900
12-14	32.5	12.196	900	330	321	872	3	900
15-17	32.0	12.142	900	347	325	880	0	900
18-20	31.4	12.165	900	362	307	885	0	900
21-23	31.0	11.884	898	367	278	881	1	898
ALL HOURS	31.3	12.004	7198	2947	2344	7045	5	7198

MONTH: DEC

00-02	19.5	14.050	930	684	90	930	0	930
03-05	19.0	14.000	930	687	83	930	0	930
06-08	18.4	13.731	930	695	66	929	0	930
09-11	19.6	13.725	930	672	86	927	0	930
12-14	20.2	13.676	930	660	96	927	0	930
15-17	19.8	13.787	930	669	95	930	0	930
18-20	19.4	13.685	930	682	104	930	0	930
21-23	19.3	13.856	930	690	91	930	0	930
ALL HOURS	19.4	13.831	7440	5439	711	7433	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	36.4	19.863	10959	3551	5756	8857	578	10959
03-05	35.7	19.830	10959	3660	5628	9011	509	10959
06-08	36.1	2.392	10957	3625	5676	8758	633	10957
09-11	37.5	20.518	10957	3448	5884	8483	910	10957
12-14	37.8	20.036	10957	3408	5943	8548	925	10957
15-17	37.6	19.877	10957	3437	5912	8614	834	10957
18-20	37.3	19.940	10956	3465	5889	8624	774	10956
21-23	37.0	19.885	10954	3490	5848	8688	663	10954
ALL HOURS	36.9	20.056	87656	28084	46536	69583	5826	87656

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.9	98.6	87.8	67.8	47.2	32.8	15.4	6.0	59.9	930
03-05	100.0	100.0	99.4	90.6	70.3	50.6	33.0	15.7	7.5	61.3	930
06-08	100.0	100.0	99.1	91.5	72.7	54.4	31.0	15.4	5.7	61.6	930
09-11	100.0	99.7	97.1	82.4	62.0	41.1	24.9	11.3	4.9	56.9	930
12-14	100.0	98.7	88.6	65.8	48.3	30.8	20.0	11.6	5.1	51.5	929
15-17	100.0	98.8	87.1	66.2	48.7	31.8	20.2	11.4	5.4	51.5	930
18-20	100.0	99.8	94.3	76.1	55.6	38.2	25.7	13.1	5.7	55.5	930
21-23	100.0	99.9	97.5	81.9	61.9	42.9	28.0	15.3	5.4	58.0	930
ALL HOURS	100.0	99.6	95.2	80.3	60.9	42.1	27.0	13.6	5.7	58.0	7439

MONTH: FEB

00-02	100.0	100.0	98.1	86.7	68.1	50.4	37.6	23.8	9.9	62.2	849
03-05	100.0	100.0	98.6	89.9	73.7	54.9	39.5	24.0	10.6	63.9	849
6-08	100.0	100.0	98.2	90.6	76.2	55.8	39.5	22.1	10.7	64.0	849
09-11	100.0	99.6	93.5	78.9	56.4	40.9	28.5	17.3	9.3	57.1	849
12-14	100.0	97.5	85.3	58.2	41.9	30.7	22.9	15.9	6.5	50.6	849
15-17	100.0	96.9	83.4	59.2	43.5	32.5	24.7	15.7	6.5	51.0	849
18-20	100.0	98.8	89.6	73.0	54.0	39.9	29.1	19.2	9.0	56.0	848
21-23	100.0	99.6	94.6	82.1	62.7	44.6	33.1	21.7	10.7	59.6	849
ALL HOURS	100.0	99.1	92.7	77.3	59.6	43.7	31.9	20.0	9.1	59.6	6791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%				
00-02	100.0	99.8	95.8	84.3	71.1	57.6	40.5	24.5	9.5	63.0		930
03-05	100.0	100.0	96.3	88.3	76.3	59.2	42.4	27.3	10.0	64.8		930
06-08	100.0	100.0	96.6	88.2	75.6	58.2	42.5	25.5	9.8	64.4		930
09-11	100.0	98.6	87.3	72.3	53.8	42.3	30.3	19.7	8.6	56.1		930
12-14	100.0	96.6	79.2	61.6	48.1	33.9	23.4	14.9	6.2	51.0		930
15-17	100.0	94.1	79.5	63.4	49.0	34.9	22.0	15.6	6.9	51.3		930
18-20	100.0	98.7	87.6	73.2	60.9	45.9	30.8	17.8	7.4	57.0		930
21-23	100.0	99.8	93.7	81.6	66.9	55.4	37.6	22.2	8.7	61.2		930
ALL HOURS	100.0	98.4	89.5	76.6	62.7	48.4	33.7	20.9	8.4	61.2		7440

MONTH: APR

00-02	100.0	100.0	99.2	95.2	85.0	74.3	60.9	39.8	16.7	72.0		900
03-05	100.0	100.0	99.8	96.8	87.7	77.8	62.7	41.8	16.7	73.3		900
06-08	100.0	100.0	98.6	91.9	81.9	68.3	53.3	35.1	16.1	69.5		900
09-11	100.0	99.0	90.9	73.6	59.4	47.1	34.6	23.3	10.9	58.6		900
12-14	100.0	97.6	85.3	69.4	52.6	41.9	30.5	20.1	8.2	55.1		899
15-17	100.0	97.8	86.2	70.7	54.8	43.5	34.0	20.9	7.5	55.9		899
18-20	100.0	98.9	93.1	82.4	69.1	55.7	44.2	28.7	11.4	63.0		900
21-23	100.0	99.8	97.9	90.1	79.3	67.4	52.9	35.4	15.9	68.7		900
ALL HOURS	100.0	99.1	93.9	83.8	71.2	59.5	45.6	30.6	12.9	68.7		7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.9	99.4	94.6	86.0	72.3	54.8	29.6	78.1	930
03-05	100.0	100.0	100.0	100.0	97.7	90.9	80.2	63.8	33.0	81.3	930
06-08	100.0	100.0	99.6	97.8	90.4	78.8	63.5	45.5	22.3	74.5	930
09-11	100.0	99.7	96.0	82.5	64.6	49.9	35.3	25.3	12.8	61.2	930
12-14	100.0	99.6	91.7	74.6	57.6	42.0	29.0	20.4	11.1	57.1	930
15-17	100.0	98.9	90.9	77.0	60.8	44.0	32.2	22.0	12.3	58.1	929
18-20	100.0	99.9	95.4	87.3	76.0	61.8	45.2	31.7	17.4	65.9	930
21-23	100.0	100.0	99.2	96.7	86.5	75.6	61.0	46.9	23.0	73.6	930
ALL HOURS	100.0	99.8	96.6	89.4	78.5	66.1	52.3	38.8	20.2	73.6	7439

MONTH: JUN

00-02	100.0	100.0	100.0	99.9	99.4	94.2	79.9	59.1	28.9	80.7	900
03-05	100.0	100.0	100.0	100.0	99.7	96.2	88.1	68.0	35.6	83.3	900
06-08	100.0	100.0	100.0	99.7	96.8	86.1	67.6	47.4	22.1	76.5	900
09-11	100.0	100.0	99.9	91.2	70.9	48.8	36.6	27.0	13.3	63.1	900
12-14	100.0	100.0	97.0	77.4	53.8	39.3	30.1	20.6	10.2	57.3	900
15-17	100.0	100.0	96.4	79.4	57.9	41.9	31.0	21.1	10.7	58.4	900
18-20	100.0	100.0	99.3	92.3	80.0	62.8	44.9	30.5	14.6	67.0	898
21-23	100.0	100.0	100.0	99.0	95.8	86.0	64.3	45.7	21.9	76.0	897
ALL HOURS	100.0	100.0	99.1	92.4	81.8	69.4	55.3	39.9	19.7	76.0	7195

OPERATING LOCATION "A
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.4	95.7	86.5	64.3	35.9	82.7	930
03-05	100.0	100.0	100.0	100.0	99.7	98.2	91.0	74.2	42.4	85.2	930
06-08	100.0	100.0	100.0	100.0	98.9	92.3	78.1	53.9	28.8	79.7	928
09-11	100.0	100.0	99.9	96.2	81.1	60.4	39.0	21.6	10.1	65.4	929
12-14	100.0	100.0	99.0	85.7	64.4	43.1	25.8	12.2	5.3	58.0	930
15-17	100.0	100.0	98.9	86.9	67.6	47.6	30.5	14.6	5.8	59.6	930
18-20	100.0	100.0	99.9	96.1	85.5	69.4	51.8	31.8	15.9	69.5	930
21-23	100.0	100.0	100.0	99.4	97.3	86.7	71.8	49.8	27.2	77.8	930
ALL HOURS	100.0	100.0	99.7	95.5	86.7	74.2	59.3	40.3	21.4	77.8	7437

MONTH: AUG

00-02	100.0	100.0	100.0	99.9	99.7	98.1	92.4	74.1	36.8	84.3	930
03-05	100.0	100.0	100.0	100.0	99.5	98.2	94.6	80.9	42.5	86.0	930
06-08	100.0	100.0	100.0	99.9	99.0	96.7	87.2	65.6	30.3	82.2	930
09-11	100.0	100.0	100.0	98.2	89.2	71.4	46.9	24.1	9.0	68.5	929
12-14	100.0	99.8	99.0	91.9	74.7	50.1	30.1	13.9	4.8	61.0	930
15-17	100.0	99.8	98.7	91.5	75.9	53.2	31.6	15.7	6.3	62.0	930
18-20	100.0	100.0	99.7	97.7	92.4	83.3	62.7	31.4	12.3	72.5	930
21-23	100.0	100.0	100.0	99.7	98.5	94.9	84.3	58.0	22.8	80.2	930
ALL HOURS	100.0	99.9	99.7	97.4	91.1	80.7	66.2	45.4	20.6	80.2	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.6	96.7	87.3	62.2	24.0	81.5	900
03-05	100.0	100.0	100.0	100.0	99.6	97.3	89.8	69.0	28.4	83.1	900
06-08	100.0	100.0	100.0	100.0	99.4	95.9	82.9	60.7	23.1	80.8	900
09-11	100.0	100.0	100.0	98.4	87.3	65.8	44.9	24.6	9.3	67.3	900
12-14	100.0	100.0	99.2	92.1	63.1	40.4	25.8	14.6	5.4	58.5	900
15-17	100.0	100.0	99.4	90.2	70.0	48.7	29.8	17.6	7.4	60.5	900
18-20	100.0	100.0	99.8	99.0	92.2	81.7	60.0	34.2	13.9	72.5	900
21-23	100.0	100.0	100.0	99.9	98.9	92.6	78.2	52.7	19.7	78.8	900
ALL HOURS	100.0	100.0	99.8	97.5	88.8	77.4	62.3	41.9	16.4	78.8	7200

MONTH: OCT

00-02	100.0	100.0	100.0	99.6	95.5	88.3	73.9	47.3	22.4	77.4	930
03-05	100.0	100.0	100.0	99.8	96.7	88.7	74.8	52.2	22.6	78.3	930
06-08	100.0	100.0	100.0	99.9	96.1	86.6	71.2	47.1	21.4	77.2	930
09-11	100.0	100.0	99.6	93.2	78.4	58.7	36.2	24.2	11.1	64.6	930
12-14	100.0	100.0	97.4	82.4	56.7	37.5	23.8	15.6	8.1	56.5	930
15-17	100.0	99.8	97.7	85.5	66.5	46.3	30.0	18.2	6.6	59.5	930
18-20	100.0	100.0	99.8	96.9	86.6	72.7	48.8	31.4	12.2	69.3	930
21-23	100.0	100.0	100.0	98.7	92.8	84.0	65.4	41.2	17.0	74.6	930
ALL HOURS	100.0	100.0	99.3	94.5	83.6	70.3	53.0	34.6	15.1	74.6	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%	90%			
00-02	100.0	100.0	99.4	98.1	89.0	74.2	55.2	37.3	16.6	71.8		900
03-05	100.0	100.0	99.9	99.1	91.8	77.4	58.7	38.1	16.1	72.9		900
06-08	100.0	100.0	99.7	98.9	91.7	77.8	57.6	36.7	15.7	72.6		900
09-11	100.0	99.8	99.1	92.1	77.1	59.0	41.4	28.3	11.6	65.6		900
12-14	100.0	99.4	96.1	80.9	60.4	42.9	31.3	22.1	7.6	58.8		900
15-17	100.0	99.7	96.3	83.7	65.7	47.4	34.0	22.8	8.6	60.5		900
18-20	100.0	100.0	98.8	93.0	80.0	59.9	45.1	28.4	12.7	66.3		900
21-23	100.0	100.0	99.3	97.0	86.5	67.5	51.4	33.9	14.5	69.6		898
ALL HOURS	100.0	99.9	98.6	92.8	80.3	63.3	46.8	31.0	12.9	69.6		7198

MONTH: DEC

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	99.9	98.9	92.6	79.9	61.8	44.1	28.5	11.2	66.5	930
03-05	100.0	100.0	98.9	94.3	82.3	67.0	47.8	28.9	12.4	67.9	930
06-08	100.0	100.0	98.9	93.5	83.2	66.8	48.3	29.7	12.4	68.0	930
09-11	100.0	100.0	97.5	86.7	70.8	51.8	36.5	23.2	8.8	62.3	930
12-14	100.0	99.7	92.4	75.2	54.2	38.7	27.0	16.8	6.7	55.6	930
15-17	100.0	99.6	91.4	75.6	55.8	39.6	28.1	19.1	7.8	56.4	930
18-20	100.0	99.8	97.2	86.6	66.7	46.8	30.9	22.6	9.5	60.6	930
21-23	100.0	99.9	98.0	91.9	73.2	54.0	37.5	24.2	9.7	63.7	930
ALL HOURS	100.0	99.9	96.7	87.0	70.8	53.3	37.5	24.1	9.8	63.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.2	95.3	87.5	77.2	63.7	44.4	20.7	73.4	10959
03-05	100.0	100.0	99.4	96.6	89.6	79.8	67.0	48.8	23.2	75.1	10959
06-08	100.0	100.0	99.2	96.0	88.5	76.6	60.3	40.5	18.2	72.6	10957
09-11	100.0	99.7	96.8	87.2	71.0	53.2	36.3	22.5	10.0	62.2	10957
12-14	100.0	99.1	92.6	76.4	56.4	39.3	26.6	16.5	7.1	55.9	10957
15-17	100.0	98.8	92.2	77.5	59.8	42.7	29.0	17.9	7.6	57.1	10957
18-20	100.0	99.7	96.2	87.9	75.0	59.9	43.3	26.8	11.8	64.6	10956
21-23	100.0	99.9	98.4	93.2	83.4	71.1	55.6	37.3	16.4	70.2	10954
ALL HOURS	100.0	99.6	96.7	88.8	76.4	62.5	47.7	31.8	14.4	66.4	87656

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1015.3	1016.9	1015.3	1013.4	1014.6	1013.0	1014.2	1015.8	1017.7	1018.2	1017.1	1016.7	1015.7
	SD	11.494	10.023	10.230	8.974	6.357	6.088	5.353	5.009	6.545	9.035	10.236	10.449	8.741
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	1015.4	1016.7	1014.8	1013.2	1014.5	1013.0	1014.2	1015.7	1017.6	1018.2	1017.0	1016.7	1015.6
	SD	11.576	10.015	10.442	9.061	6.416	6.222	5.388	5.099	6.607	9.078	10.440	10.514	8.831
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	1016.1	1017.3	1015.6	1014.2	1015.4	1013.8	1015.0	1016.6	1018.5	1019.0	1017.5	1017.4	1016.4
	SD	11.419	9.956	10.691	9.134	6.538	6.347	5.407	5.139	6.717	9.131	10.477	10.539	8.866
	TOT OBS	309	283	310	300	310	300	310	310	300	310	300	310	3652
1000	MEAN	1016.7	1017.6	1015.6	1014.0	1015.2	1013.7	1014.9	1016.6	1018.5	1019.1	1017.7	1018.1	1016.5
	SD	11.395	10.028	10.739	9.082	6.590	6.495	5.420	5.218	6.815	9.250	10.624	10.615	8.951
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	1014.5	1016.0	1014.3	1013.0	1014.3	1012.8	1014.1	1015.7	1017.2	1017.6	1016.0	1016.2	1015.1
	SD	11.353	9.914	10.488	8.892	6.580	6.517	5.458	5.215	6.821	7.110	10.479	10.339	8.811
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	1014.5	1015.6	1013.7	1012.3	1013.6	1012.2	1013.3	1014.9	1016.5	1017.4	1016.1	1016.5	1014.7
	SD	11.136	9.833	10.080	8.645	6.505	6.415	5.449	5.126	6.945	9.036	10.136	10.021	8.663
	TOT OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
1900	MEAN	1015.4	1016.7	1014.8	1013.0	1014.1	1012.6	1013.6	1015.4	1017.2	1018.2	1016.9	1017.2	1015.4
	SD	11.205	9.830	9.854	8.572	6.281	6.168	5.226	5.018	6.738	9.061	9.933	9.924	8.578
	TOT OBS	310	283	310	300	310	299	310	310	300	310	300	310	3652
2200	MEAN	1015.6	1017.0	1015.4	1013.6	1014.9	1013.4	1014.3	1016.0	1017.8	1018.7	1017.1	1017.2	1015.9
	SD	11.258	9.919	10.009	8.725	6.256	6.079	5.213	5.000	6.558	9.253	9.958	10.153	8.612
	TOT OBS	310	283	310	300	310	299	310	310	300	310	300	310	3652
ALL HOURS	MEAN	1015.4	1016.7	1014.9	1013.4	1014.6	1013.1	1014.2	1015.8	1017.6	1018.3	1016.9	1017.0	1015.7
	SD	11.376	9.959	10.340	8.906	6.465	6.314	5.391	5.131	6.750	9.148	10.303	10.337	8.775
	TOT OBS	2479	2264	2480	2400	2479	2398	2480	2480	2400	2480	2400	2480	29220

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	29.98	30.02	29.98	29.92	29.96	29.91	29.95	30.00	30.05	30.07	30.03	30.02	29.99
	SD	.339	.296	.302	.264	.187	.179	.158	.147	.193	.266	.301	.308	.257
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	29.98	30.02	29.96	29.92	29.96	29.91	29.95	29.99	30.05	30.06	30.03	30.02	29.99
	SD	.341	.295	.308	.267	.189	.183	.159	.149	.194	.267	.307	.310	.260
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.00	30.04	29.99	29.94	29.98	29.94	29.97	30.02	30.07	30.09	30.04	30.04	30.01
	SD	.339	.293	.315	.269	.193	.187	.159	.151	.198	.269	.309	.311	.262
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	30.02	30.04	29.99	29.94	29.98	29.93	29.97	30.02	30.07	30.09	30.05	30.06	30.01
	SD	.336	.295	.317	.267	.195	.191	.160	.153	.201	.273	.313	.313	.264
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	29.95	30.00	29.95	29.91	29.95	29.91	29.94	29.99	30.04	30.05	30.00	30.00	29.97
	SD	.334	.292	.309	.262	.194	.192	.161	.154	.201	.271	.308	.305	.260
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	29.95	29.99	29.93	29.89	29.93	29.89	29.92	29.97	30.01	30.04	30.00	30.01	29.96
	SD	.328	.290	.297	.255	.191	.189	.160	.151	.204	.267	.298	.295	.255
	TOT OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
1900	MEAN	29.98	30.02	29.96	29.91	29.95	29.90	29.93	29.98	30.04	30.07	30.03	30.03	29.98
	SD	.330	.290	.290	.252	.185	.182	.154	.148	.198	.268	.292	.292	.252
	TOT OBS	310	283	310	300	310	299	310	310	300	310	300	310	3652
2200	MEAN	29.98	30.03	29.98	29.93	29.97	29.92	29.95	30.00	30.05	30.08	30.03	30.03	30.00
	SD	.332	.292	.295	.257	.184	.179	.154	.147	.193	.273	.293	.299	.254
	TOT OBS	310	283	310	300	310	299	310	310	300	310	300	310	3652
ALL HOURS	MEAN	29.98	30.02	29.97	29.92	29.96	29.91	29.95	30.00	30.05	30.07	30.03	30.03	29.99
	SD	.335	.294	.305	.262	.191	.186	.159	.151	.199	.270	.303	.305	.258
	TOT OBS	2480	2264	2480	2400	2479	2398	2480	2480	2400	2480	2400	2480	29221

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	29.86	29.91	29.86	29.81	29.85	29.80	29.83	29.88	29.93	29.95	29.92	29.90	29.87
	SD	.335	.292	.298	.261	.184	.175	.154	.143	.189	.262	.298	.304	.254
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	29.86	29.90	29.85	29.80	29.84	29.80	29.83	29.88	29.93	29.95	29.91	29.90	29.87
	SD	.337	.291	.304	.263	.186	.179	.155	.145	.190	.263	.303	.306	.256
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	29.88	29.92	29.87	29.83	29.87	29.82	29.86	29.90	29.96	29.97	29.93	29.92	29.89
	SD	.335	.290	.311	.265	.189	.183	.156	.148	.195	.266	.305	.307	.258
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	29.90	29.93	29.87	29.83	29.86	29.82	29.85	29.90	29.96	29.97	29.93	29.94	29.90
	SD	.332	.291	.313	.263	.191	.187	.156	.150	.197	.270	.309	.309	.260
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	29.84	29.88	29.83	29.79	29.84	29.79	29.83	29.88	29.92	29.93	29.88	29.89	29.86
	SD	.330	.288	.305	.258	.190	.188	.157	.150	.198	.267	.304	.301	.256
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	29.84	29.87	29.82	29.78	29.82	29.78	29.81	29.85	29.90	29.92	29.89	29.90	29.85
	SD	.324	.286	.293	.251	.188	.185	.157	.147	.200	.263	.294	.291	.251
	TOT OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
1900	MEAN	29.86	29.90	29.85	29.80	29.83	29.79	29.82	29.87	29.92	29.95	29.91	29.92	29.87
	SD	.326	.286	.286	.248	.181	.178	.150	.144	.194	.264	.288	.289	.249
	TOT OBS	310	283	310	300	310	299	310	310	300	310	300	310	3652
2200	MEAN	29.87	29.91	29.86	29.81	29.85	29.81	29.84	29.89	29.94	29.96	29.91	29.92	29.88
	SD	.328	.288	.291	.253	.181	.175	.150	.143	.189	.269	.289	.295	.250
	TOT OBS	310	283	310	300	310	299	310	310	300	310	300	310	3652
ALL HOURS	MEAN	29.86	29.90	29.85	29.81	29.84	29.80	29.83	29.88	29.93	29.95	29.91	29.91	29.87
	SD	.331	.290	.301	.258	.187	.182	.155	.147	.195	.266	.299	.301	.255
	TOT OBS	2480	2264	2480	2400	2479	2398	2480	2480	2400	2480	2400	2480	29221

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8			930	.5			930	.8	.2		930	1.8	.5		930
CATEGORY B	6.2	2.0	.5	1009	4.1	1.5	.3	1010	5.0	1.7	.3	1017	7.9	3.4	1.3	1081

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.4	.3		930	1.3	.1		930	.6			930	.9	.3		930
CATEGORY B	9.2	4.1	1.3	1061	8.4	1.9	.7	1036	4.7	1.6	.1	988	5.3	2.1	.7	1003

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.4	.2		4650	1.1	.2		7440
CATEGORY B	7.1	2.6	.8	5183	6.4	2.3	.7	8205

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5			849	.5			849	.6			849	1.2			849
CATEGORY B	2.3	.8	.2	899	3.1	1.0	.3	906	3.2	.8	.2	946	5.9	1.8	.3	946

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1	.1		849	1.3	.4		849	1.1			849	.7	.1		849
CATEGORY B	9.0	3.2	1.2	927	6.4	2.7	.9	912	4.3	1.2	.2	888	3.5	1.1	.4	905

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.0	.1		4245	.9	.1		6792
CATEGORY B	5.7	2.0	.6	4619	4.7	1.6	.5	7329

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.3	.1		930	1.7	.3		930	1.6	.4		930	2.5	.5		930
CATEGORY B	4.7	1.7	.5	1017	6.2	2.7	.9	1007	5.3	2.4	.9	1092	9.3	4.0	1.0	1075

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.5	.3		930	1.6			930	1.4	.1		930	.8			930
CATEGORY B	13.8	5.3	1.5	1066	9.8	3.4	.7	1050	5.4	1.9	.9	1007	4.2	1.7	.4	1013

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.9	.3		4650	1.7	.2		7440
CATEGORY B	8.7	3.4	1.0	5290	7.4	2.9	.9	8327

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.3	.1		900	.7	.2		900	.8	.1		900	1.9	.2		900
CATEGORY B	5.4	2.7	1.1	1046	4.2	1.5	.6	1069	7.7	3.6	1.9	1109	12.1	5.1	1.7	1088

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.3	.4		900	1.2	.2		900	1.0	.1		900	.8			900
CATEGORY B	11.7	5.1	2.1	1059	9.0	3.0	.6	1033	4.9	2.3	.2	1030	4.2	1.8	.5	1016

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.4	.2		4500	1.3	.2		7200
CATEGORY B	9.1	3.9	1.3	5319	7.4	3.2	1.1	8450

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSRVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930	.3			930	1.1			930
CATEGORY B	1.7	.5		1074	1.9	.7		1102	4.5	1.5	.2	1135	5.4	2.0	.5	1090

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.2	.1		930	.8	.2		930	.1			930	.3			930
CATEGORY B	6.9	2.5	.8	1051	4.2	2.1	.5	1048	1.4	.7	.2	1032	.7	.5		1058

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.7	.1		4650	.5	.0		7440
CATEGORY B	4.5	1.8	.4	5356	3.3	1.3	.3	8590

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			900				900	.1			900	.1			900
CATEGORY B	1.0	.1		1027	.8	.1		1053	2.0	.4	.1	1055	4.0	1.0	.1	1034

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			900	.1			900				898	.2			897
CATEGORY B	4.6	1.0	.2	1008	2.7	.3		1008	1.7	.5		1004	1.6	.9	.3	985

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			4498	.1			7195
CATEGORY B	3.0	.6	.1	5109	2.3	.5	.1	8174

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.1			1046				1083				1074	.8			1039

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.2			930	.1			930				930
CATEGORY B	2.2	.4		1033	3.2	.6	.1	1057	1.3	.2		1046				1027

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			4650	.0			7440
CATEGORY B	1.5	.2	.0	5249	1.0	.1	.0	8405

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930	.2			930	.2			930
CATEGORY B	.8	.2		1014	.4	.2		1029	.9	.3		1036	2.3	.6		1008

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			930	.2			930	.1			930	.4			930
CATEGORY B	3.2	.8	.2	1030	1.4	.6		1015	1.2	.1		1000	.8	.4	.3	986

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			4650	.2			7440
CATEGORY B	1.8	.5	.0	5089	1.4	.4	.1	8118

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900	.2			900	.4			900	.4			900
CATEGORY B	.5			979	.9	.6	.2	992	1.2	.6		1019	3.8	1.0	.1	1014

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6			900	.1			900	.4			900				900
CATEGORY B	6.4	1.5		997	3.2	.9	.2	962	2.2	1.4	.5	959	1.3	.3	.1	999

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4			4500	.3			7200
CATEGORY B	3.4	1.1	.2	4951	2.4	.8	.1	7921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT

CATEGORY A: ANY CEILIN OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.2			930	.9	.1		930	.8	.3		930
CATEGORY B	.7	.1		1004	2.0	1.0	.1	1017	2.9	1.4	.9	1054	5.5	1.7	.8	1052

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1	.4		930	.8	.3		930	.6	.3	.1	930	.1			930
CATEGORY B	7.1	1.8	.6	1032	3.3	1.1	.4	1016	1.6	.8	.4	998	1.2	.5	.1	1013

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8	.3	.0	4650	.6	.2	.0	7440
CATEGORY B	4.1	1.4	.6	5152	3.1	1.1	.4	8186

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4			900	.6			900	.6	.1		900	1.1			900
CATEGORY B	4.0	1.3	.2	1000	3.0	1.0	.4	1000	3.7	1.2	.1	1025	5.5	1.8	.8	1035

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			900	.8			900	.4			900	.8			900
CATEGORY B	6.8	1.3	.1	984	5.4	1.3	.7	1002	3.1	1.1		983	4.2	.9		996

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6	.0		4500	.6	.0		7200
CATEGORY B	4.9	1.4	.3	5029	4.5	1.2	.3	8025

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			930	.5			930	.3	.2		930	1.0	.3		930
CATEGORY B	3.6	1.2	.4	1006	4.9	.9	.4	1008	2.8	.9	.3	1045	6.5	2.0	.6	1033

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.8	.4	.2	930	1.2	.2		930	.6			930	.5			930
CATEGORY B	9.0	3.0	.9	1032	5.4	1.9	.6	1010	4.3	1.1	.4	997	4.0	1.3	.2	1000

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.0	.2	.0	4650	.8	.1	.0	7440
CATEGORY B	5.6	1.8	.5	5117	5.1	1.5	.5	8131

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 166-346

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.0		10959	.4	.0		10959	.5	.1		10959	1.0	.2		10959
CATEGORY B	2.6	.9	.2	2121	2.6	.9	.3	12276	3.3	1.2	.4	12607	5.8	2.1	.6	12495

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1	.2	.0	10959	.8	.1		10959	.5	.0	.0	10957	.5	.0		10956
CATEGORY B	7.5	2.5	.7	12280	5.2	1.7	.4	12149	3.0	1.1	.2	11932	2.6	.9	.2	12001

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8	.1	.0	54793	.7	.1	.0	87667
CATEGORY B	5.0	1.7	.5	61463	4.1	1.4	.4	97861

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	HH	HH
PP PP	AA AP	RP RP	TT	HH	HH
PP PP	AA AA	RP RK	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PPPPPPPP	AAAAAAA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PP	AAAAAAA	RP RP	TT	HH	HH
PP	AA AA	RP RK	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RK	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AMS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: MAY 56 - JUN 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1956					373	77	30	23	243	413	667	1062	2888
1957	1430	947	886	527	260	48	3	35	102	386	623	885	6132
1958	1140	1207	851	544	332	124	14	8	128	467	677	1307	6799
1959	1243	1178	947	566	199	131	1	20	118	414	689	984	6490
1960	1159	952	1055	580	239	47		13	145	447	648	1238	6523
1961	1410	1052	995	653	364	55	37	25	78	369	707	1112	6857
1962	1273	1219	943	552	358	50	22	29	179	430	751	1153	6959
1963	1179	1220	904	588	291	71	18	34	226	297	634	1387	6849
1964	1208	1175	875	586	188	46	4	35	158	400	690	1106	6471
1965	1292	1116	937	644	217	96	9	41	145	444	805	1061	6807
1966	1259	1092	915	725	404	91	8	27	236	464	655	1082	6958
1967	1098	1202	1092	683	456	55		13	130	400	842	1081	7052
1968	1404	1266	902	530	362	123	7	56	115	361	813	1217	7156
1969	1230	1087	1010	578	317	81	35	4	177	437	709	1109	6774
1970	1455	1054	977	602	245	76	4	1	118	356	636	1236	6760
1971	1411	1041	933	652	320	49	2	18	84	271	797	1065	6643
1972	1159	1151	940	649	256	65	9	10	75	532	845	1162	6853
1973	1197	1079	785	499	341	65		4	185	421	733	916	6225
1974	1161	1077	898	479	395	95	7	14	172	579	691	971	6539
1975	1091	1050	972	680	197	102	4	30	167	393	553	1128	6367
1976	1342	951	860	456	271	48	11	39	151	478	797	1285	6689
1977	1418	1077	801	579	264	89	8	15	172	419	623	1135	6600
1978	1268	1139	987	616	198	31	11	16	167	413	720	1057	6623
1979	1125	1256	829	620	236	58	6	54	142	449	557	976	6308
1980	1164	1177	939	573	248	98	5	10	147	499	804	1264	6928

1981	1461	862	852	459	243	16	6	24	132	495	709	1063	6322
1982	1465	1057	930	597	292	157	12	46	118	409	590	916	6589
1983	1146	983	848	505	303	52	2	17	106	434	652	1113	6161
1984	1273	885	1067	608	301	71	11	3	168	363	712	944	6406
1985	1366	971	859	573	259	91	2	30	142	414	674	1129	6510

1986	1160	1104	831	490	302	102	11	30	201	465	787	986	6469
1987	1210	1101	913	569	305	78	6	33	110	458	669	954	6406
1988	1206	1044	863	562	263	86	15	21	124	466	606	1066	6322
1989	1000	1007	909	600	195	75							3786

MEAN	1254	1084	918	579	288	76	9	23	147	425	698	1095	
------	------	------	-----	-----	-----	----	---	----	-----	-----	-----	------	--

SD	124.51	103.47	73.79	64.85	66.68	30.08	9.42	14.25	41.94	60.79	79.15	121.72	
----	--------	--------	-------	-------	-------	-------	------	-------	-------	-------	-------	--------	--

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 726055

STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD OF RECORD: MAY 56 - JUN 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1956					11	127	148	153	39	4			482
1957				5	21	139	184	85	82				516
1958					11	41	171	176	48	1			448
1959					57	56	251	232	121	6			723
1960					2	115	175	165	45				502
1961					12	73	140	135	128				488
1962					24	90	88	106	21				329
1963					6	98	220	68	15	13			420
1964					63	151	262	76	47	4			603
1965					18	131	164	195	79				587
1966					6	82	160	72	7				327
1967						122	195	150	26	1			494
1968						38	201	107	30	18			394
1969					5	92	106	263	43	1			510
1970					18	85	223	193	61	8			588
1971					1	104	190	209	84	5			593
1972					25	63	237	151	87				563
1973				8	5	109	230	226	57				635
1974				11	15	58	168	158	42		1		453
1975					20	97	253	155	9				534
1976				22	12	199	180	150	19	2			584
1977				4	59	53	208	201	40				565
1978					57	96	222	201	38	3			617
1979					19	64	260	148	49	10			550
1980					7	79	235	186	71				578

1981			43	157	230	118	22		570
1982			6	18	210	101	28	1	364
1983		1	15	108	251	214	136	7	732
1984			17	124	182	187	36	2	548
1985			24	26	196	114	42	3	405
1986			23	54	189	137	27		430
1987			37	70	206	158	43		514
1988			19	108	256	273	31	8	695
1989			12	64					76
MEAN		1	19	90	199	159	50	2	0
SD		4.44	17.50	39.65	42.91	52.80	32.61	4.36	.17

A W S CLIMATIC BRIEF SEP 89	STATION NAME: PEASE AFB NH	FIELD ELEV: 101 FT
	LATITUDE/LONGITUDE: 43 05 N 070 49 W	STATION MSC: 726055
	HOURLY OBS POR: JUL 79 - JUN 89	CALL SIGN: KPSM
	SUMMARY OF DAY POR: APR 56 - JUN 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERCEDES: AUG 85
	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	61	66	79	91	99	95	101	100	94	87	76	68	101	33
MEAN MAX TEMP (F)	31.6	33.8	42.2	53.6	65.0	74.3	79.8	77.8	70.3	59.7	48.5	36.1	56.2	33
MEAN TEMP (F)	24.1	26.2	35.0	45.4	56.1	65.3	70.9	69.1	61.5	51.1	41.4	29.2	48.1	33
MEAN MIN TEMP (F)	16.1	18.0	27.3	36.7	46.7	55.7	61.6	60.0	52.2	42.0	33.8	21.8	39.5	33
EXTRM MIN TEMP (F)	-16	-9	0	17	29	38	47	40	32	23	11	-9	-16	33
D/W TEMP GE 90 (F)	0	0	0	#	1	1	2	2	1	0	0	0	7	33
D/W TEMP GE 80 (F)	0	0	0	1	3	9	16	13	4	1	0	0	47	33
D/W TEMP LT 33 (F)	29	26	23	8	#	0	0	0	#	3	14	27	130	33
D/W TEMP LT 0 (F)	2	1	0	0	0	0	0	0	0	0	0	1	4	33
HEATING DEGREE DAYS	1254	1084	918	579	288	76	9	23	147	425	698	1095	6596	33
COOLING DEGREE DAYS				1	19	90	199	159	50	2	#		520	33
MEAN DEWPOINT TEMP (F)	11.4	15.4	21.6	33.3	44.9	53.2	60.7	59.4	51.7	39.8	31.3	19.4	36.9	10
MEAN WET BULB TEMP (F)	21.1	24.9	30.8	40.6	50.6	58.0	64.7	63.0	56.0	45.3	37.7	27.4	43.4	10
99.95% WCPA (FT)	1050	900	1000	900	650	650	550	500	600	800	950	950	850	10
MEAN REL HUM 07 LST(%)	61.6	64.0	64.4	69.5	74.5	76.5	79.7	82.2	80.8	77.2	72.6	68.0	72.6	1
MEAN REL HUM 13 LST(%)	51.5	50.6	51.0	55.1	57.1	57.3	58.0	61.0	58.5	56.5	58.8	55.6	55.9	10
MAX 24HR PRECIP (IN)	2.86	4.11	2.51	4.60	3.83	3.22	2.61	4.10	4.03	6.73	4.10	3.05	6.73	33
MAX PRECIP (IN)	12.26	9.43	10.19	11.11	9.31	8.80	7.81	7.21	8.10	12.10	13.71	10.05	66.96	33
MEAN PRECIP (IN)	3.70	3.38	3.56	3.82	3.62	3.25	3.34	2.70	3.44	3.66	5.01	4.19	43.79	33
MIN PRECIP (IN)	.44	.02	1.03	1.06	1.01	.84	.60	1.11	.18	.97	.84	.63	27.69	33
D/W PRECIP GE .01 (IN)	11	10	11	12	12	11	10	10	9	9	11	12	128	33
D/W PRECIP GT .50 (IN)	2	2	2	2	2	2	2	2	2	2	3	3	26	33
MAX 24HR SNFL (IN)	17.5	20.4	13.3	18.3	#	0	0	0	0	2.0	9.9	16.8	20.4	33
MAX SNFL (IN)	43.5	61.2	30.4	24.4	#	0	0	0	0	2.0	12.8	38.4	118.2	33
MEAN SNFL (IN)	17.6	15.9	11.5	2.5	#	0	0	0	0	.1	3.1	15.3	66.5	33
D/W SNFL GE .1 (IN)	7	6	6	1	0	0	0	0	0	1	2	7	30	33
D/W SNFL GE 1.5 (IN)	3	3	2	1	0	0	0	0	0	#	1	3	13	33
MAX DLY SNO DEPTH (IN)	30	39	38	21	0	0	0	0	0	2	8	26	39	33
MEAN SFC WND DIR (DEG)	300	300	300	\$300	\$150	270	\$270	\$270	\$270	\$270	300	300	\$300	10
MEAN WND SPD (KTS)	6.1	6.1	6.6	6.4	5.2	5.0	4.2	4.3	4.4	4.9	6.0	6.1	5.4	10
MAX WND SPD (KTS)	56	57	52	49	49	40	53	50	65	51	55	54	65	34
SKY COVER GT 1/2 (%)	53.0	56.2	58.0	65.9	67.0	62.0	60.0	56.6	51.0	52.8	57.0	58.4	58.4	10
D/W THUNDERSTORMS	1	#	1	1	2	4	6	4	2	1	1	#	23	33
D/W FOG (VSBY LT 7 MI)	11	10	12	13	14	15	16	16	15	14	14	12	162	33

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

001

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN YOR

CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	15.4	21.4	21.2	27.7	22.9	21.9	19.1	17.7	20.2	19.5	23.6	21.8	21.0	10
	03 - 05	15.5	22.9	22.8	30.1	25.1	25.2	24.6	22.4	23.4	20.5	25.2	23.7	23.4	10
	06 - 08	16.3	23.8	23.4	28.7	23.0	24.3	20.1	23.1	22.9	21.5	26.8	23.1	23.1	10
	09 - 11	18.1	20.8	24.0	27.6	23.1	22.3	17.0	18.5	18.9	17.8	24.4	21.1	21.1	10
	12 - 14	19.7	18.4	22.2	25.8	20.0	17.9	12.8	13.8	15.3	17.0	21.6	19.4	18.7	10
	15 - 17	18.3	17.7	21.1	23.1	19.9	16.2	11.9	10.8	13.9	16.0	21.3	19.8	17.5	10
	18 - 20	16.2	18.4	20.4	23.7	19.5	14.9	14.7	11.5	13.8	15.2	21.1	20.8	17.5	10
	21 - 23	15.6	19.6	21.4	26.0	21.5	17.8	14.9	12.4	16.6	16.9	23.1	20.8	18.9	10
	ALL	16.9	20.4	22.1	26.6	21.9	20.1	16.9	16.3	18.1	18.1	23.4	21.3	20.1	10

CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	12.8	15.4	16.7	22.4	21.2	19.2	17.0	15.2	16.9	16.0	16.8	16.5	17.2	10
	03 - 05	12.7	17.3	18.0	25.6	22.9	22.8	23.1	19.5	19.2	17.6	19.2	16.8	19.6	10
	06 - 08	11.8	17.1	18.6	26.2	20.9	21.4	18.8	20.0	18.4	19.5	21.0	15.8	19.1	10
	09 - 11	13.4	14.6	18.0	21.9	19.5	19.6	15.1	14.4	15.3	14.3	20.3	14.7	16.8	10
	12 - 14	13.9	13.5	14.0	17.4	16.0	13.8	9.0	10.2	11.0	12.8	15.3	13.4	13.4	10
	15 - 17	14.0	13.4	13.8	14.9	16.1	13.1	9.1	8.9	10.3	11.5	14.0	13.0	12.7	10
	18 - 20	13.1	13.3	14.7	18.3	17.2	13.1	11.8	9.1	10.7	11.5	13.4	15.8	13.5	10
	21 - 23	11.8	14.5	15.4	20.3	18.8	15.6	12.3	10.8	13.6	13.4	14.7	16.1	14.8	10
	ALL	12.9	14.9	16.1	20.9	19.1	17.3	14.5	13.5	14.4	14.6	16.8	15.3	15.9	10

CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.5	13.2	13.7	19.7	19.8	16.4	15.6	11.5	14.7	13.8	12.8	13.5	14.6	10
	03 - 05	9.8	13.4	14.7	21.3	20.5	18.2	19.9	13.7	16.0	15.7	15.7	12.9	16.0	10
	06 - 08	9.9	13.4	15.4	23.0	19.4	16.9	16.8	15.6	15.9	17.5	16.1	12.4	16.0	10
	09 - 11	9.5	13.0	13.2	17.1	16.5	14.9	11.5	10.2	10.9	11.5	15.7	11.3	12.9	10
	12 - 14	9.6	11.3	10.0	11.9	13.4	10.4	7.0	7.5	8.2	10.9	11.7	9.8	10.1	10
	15 - 17	9.7	10.7	11.5	11.0	13.2	9.4	7.1	6.8	8.2	9.0	11.0	9.5	9.8	10
	18 - 20	9.2	11.2	11.7	14.8	15.6	10.4	10.3	7.2	9.2	9.9	10.6	11.7	11.0	10
	21 - 23	10.3	13.0	12.7	18.0	17.5	12.9	11.2	8.7	12.3	11.0	11.3	12.4	12.6	10
	ALL	9.8	12.4	12.9	17.1	17.0	13.7	12.4	10.1	11.9	12.4	13.1	11.7	12.9	10

CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.4	2.5	1.9	3.2	4.4	3.4	4.8	1.4	2.8	3.9	1.6	1.8	2.8	10
	03 - 05	.5	2.0	1.8	3.4	5.4	3.2	7.2	3.1	3.1	4.7	3.2	1.5	3.3	10
	06 - 08	.8	1.4	2.0	2.4	3.0	1.8	3.2	2.7	2.2	4.7	3.3	1.6	2.4	10
	09 - 11	1.7	2.8	.9	.3	.5	.6	.5	.3	.6	1.3	2.2	.4	1.0	10
	12 - 14	1.2	2.7	.9	.4	.0	.1	.2	.1	.0	.8	.6	.6	.6	10
	15 - 17	1.6	1.5	1.3	.4	.5	.4	.1	.0	.1	.4	.7	1.1	.7	10
	18 - 20	1.3	1.9	1.8	2.0	1.3	.6	1.0	.6	1.0	2.2	.4	1.5	1.3	10
	21 - 23	1.5	2.0	1.9	2.4	3.2	1.8	1.5	1.8	1.9	2.4	.7	2.2	1.9	10
	ALL	1.2	2.1	1.6	1.8	2.3	1.5	2.3	1.3	1.5	2.5	1.6	1.3	1.8	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	1/1	2/2	2/2	0/1	0/0	5/6
120NM	0/0	1/2	4/6	5/3	0/1	0/0	10/12
240NM	0/3	3/7	12/15	14/9	1/3	0/1	30/38

CB-2

DISTRIBUTION

3WW/DN, Offutt AFB, NE 68113-5000	1
26S/DON, Barksdale AFB, LA 71110-5000	1
Det 6, 26WS, Pease AFB, NH 03803-5000	1
USAFETAC/LDD, Scott AFB, IL 62225-5438	1
OL-A, USAFETAC, Federal Building, Asheville, NC 28801-2723	1
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145	2
AWSTL, Scott AFB, IL 62225-5458	10